



DEPARTMENT OF VETERANS AFFAIRS

WILLIAM S. MIDDLETON MEMORIAL VETERANS HOSPITAL 2500 OVERLOOK TERRACE MADISON, WISCONSIN 53705
RENOVATE BUILDING 2 ADMINISTRATIVE SUPPORT.

VA PROJECT NUMBER 607-12-115
IDG PROJECT NUMBER 120901

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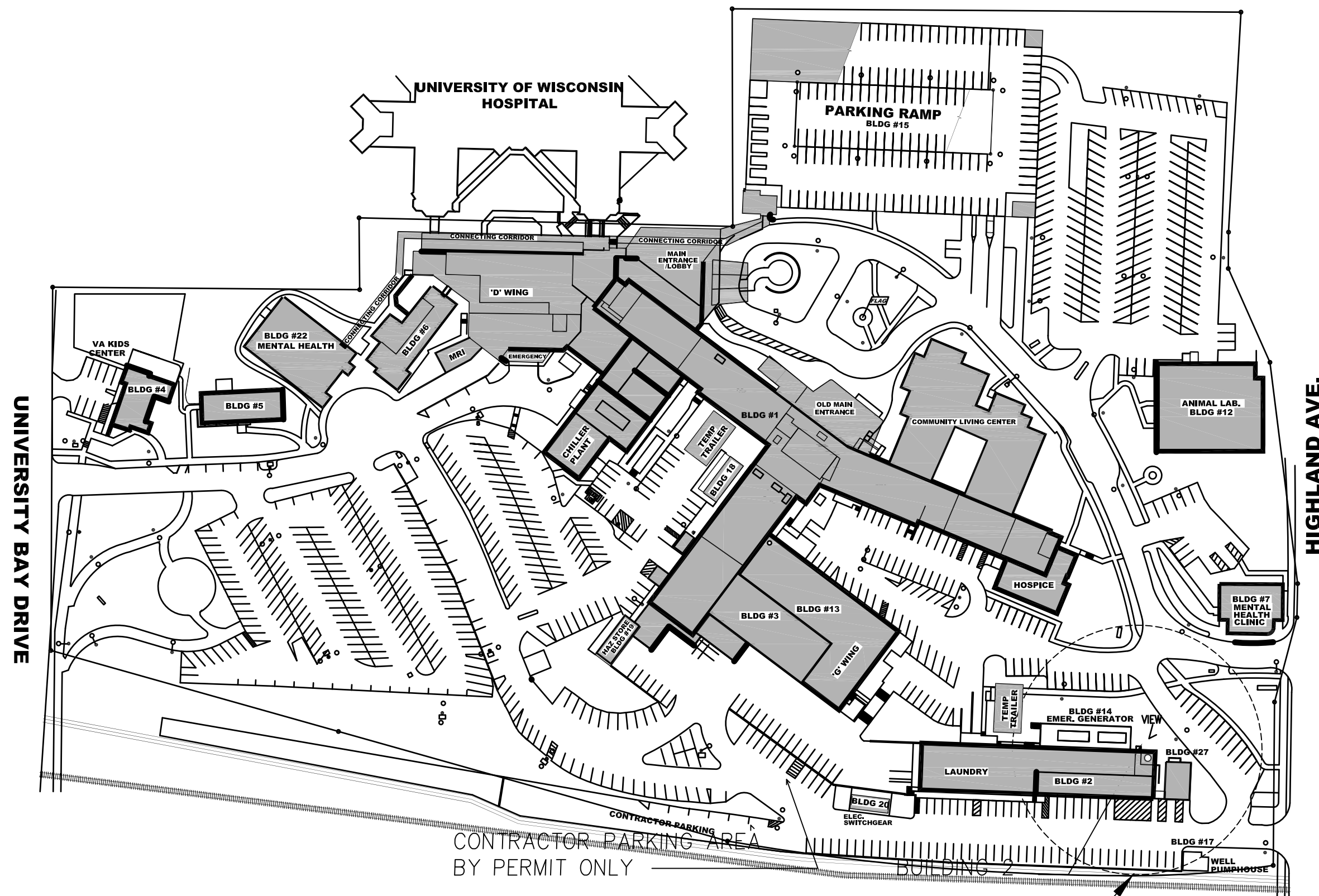
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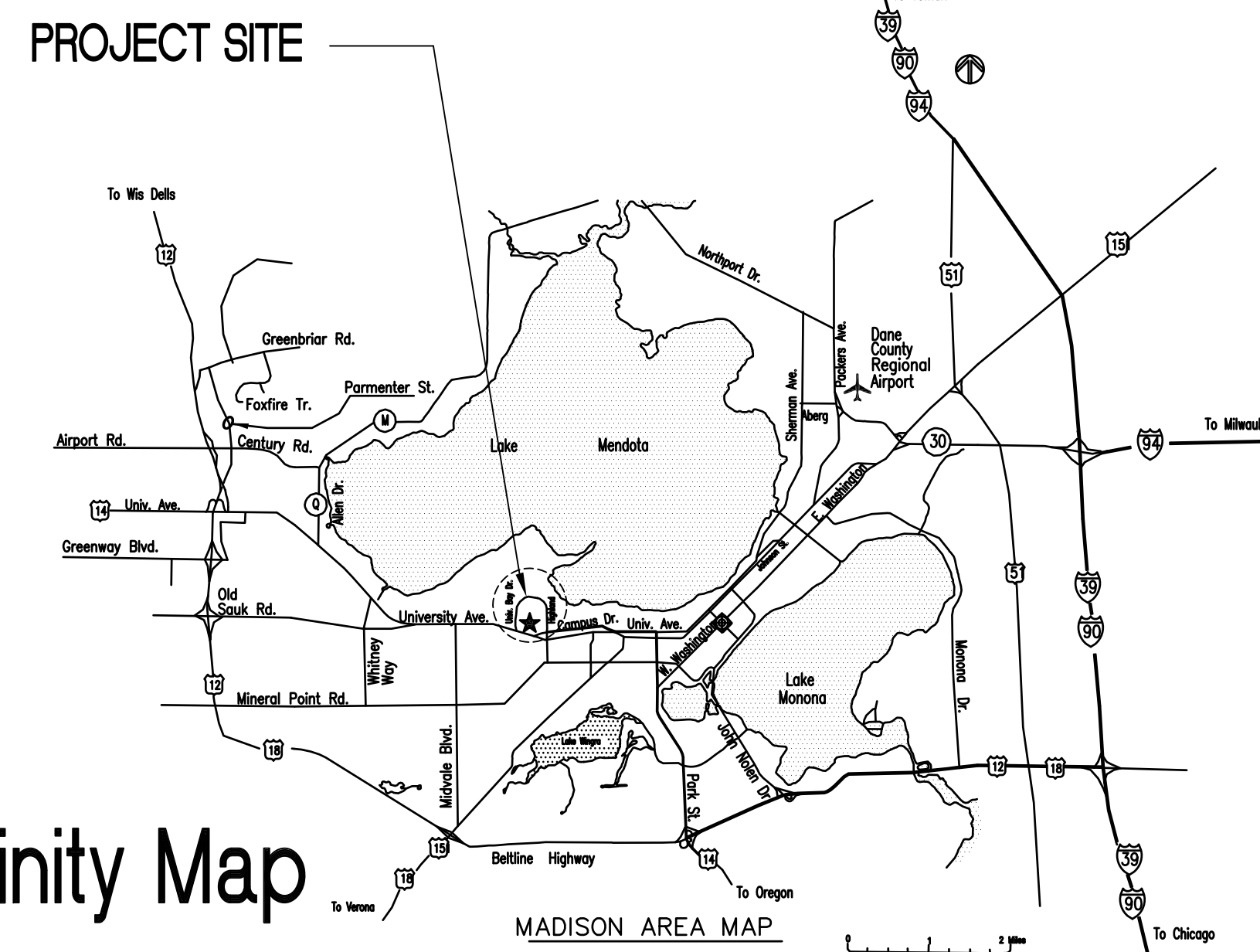
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VA Site Map



Vicinity Map

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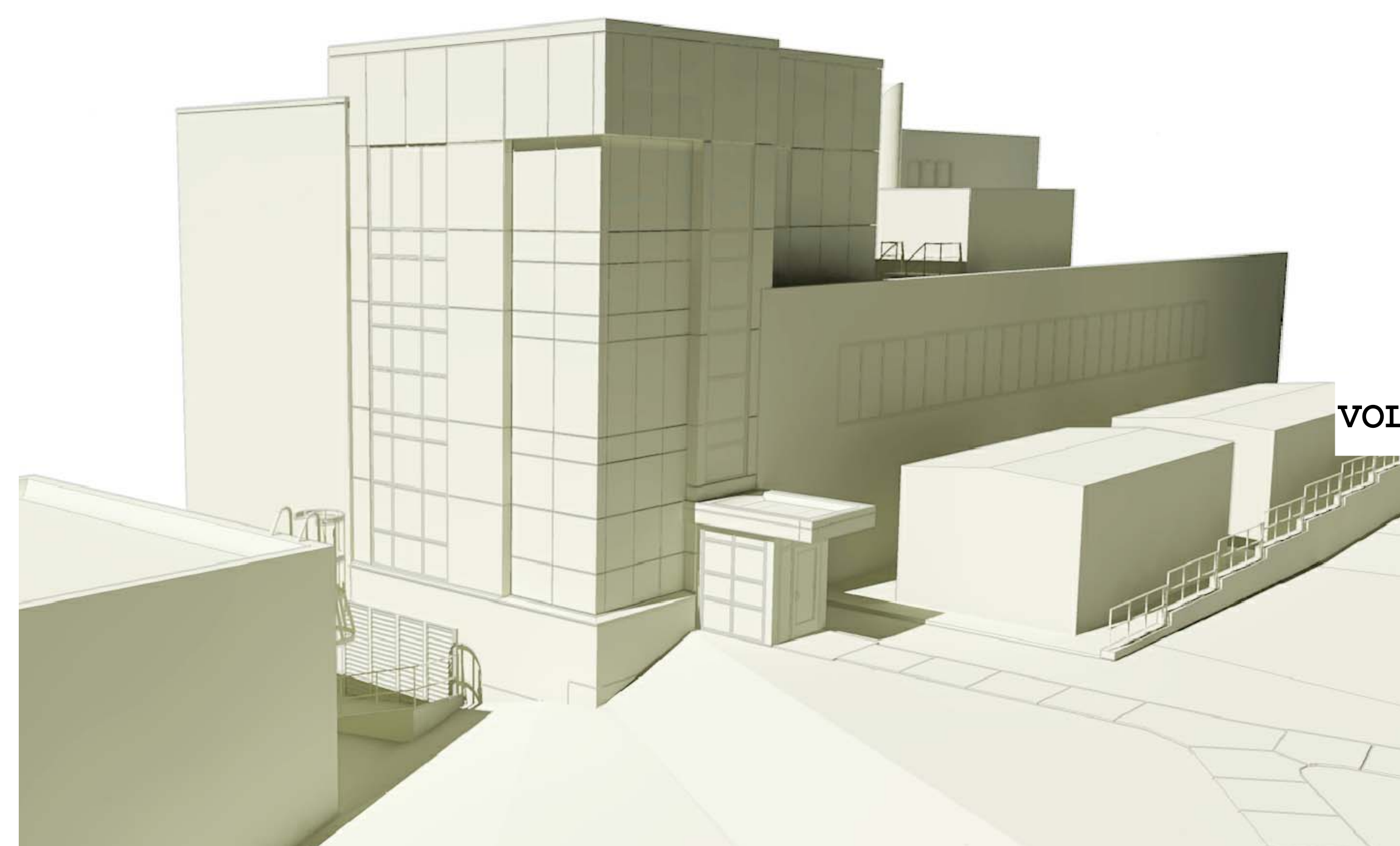
BUILDING INFORMATION

1BC, NFPA 101: LATEST ADDITION
OCCUPANCY: IBC B BUSINESS
CLASS OF CONSTRUCTION: IBC IIA NON-COMBUSTIBLE
BUILDING FULLY SPRINKLERED: UNLIMITED AREA

FIRE RATINGS	IN HOURS
BEARING WALLS & COLUMNS	1
TRUSSES, GIRDERS, BEAMS	1
FLOOR CONSTRUCTION	1 or 2
ROOF CONSTRUCTION	1
SHAFTS	2

AREA SQUARE FOOTAGE	RENOVATION AREA
BASEMENT FLOOR	1,570 SF
GROUND FLOOR	4,845 SF
FIRST FLOOR	4,224 SF
SECOND FLOOR	4,845 SF
THIRD FLOOR	2,383 SF
TOTAL	17,867 SF

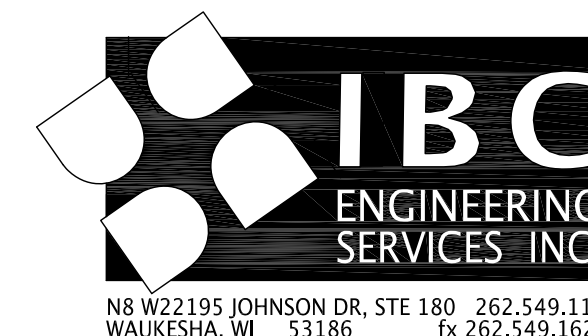
VIEW



ARCHITECT/ENGINEERS:

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f 262.641.0584

magel
architects



Drawing Title

Cover Sheet

Approved: Project Director

Project Title

William S. Middleton VA Hospital

Renovate Building 2

Location
Madison, WI

Date
MARCH 29, 2013

Checked
SAM

Drawn
REG

Project Number

607-12-115

Building Number
2

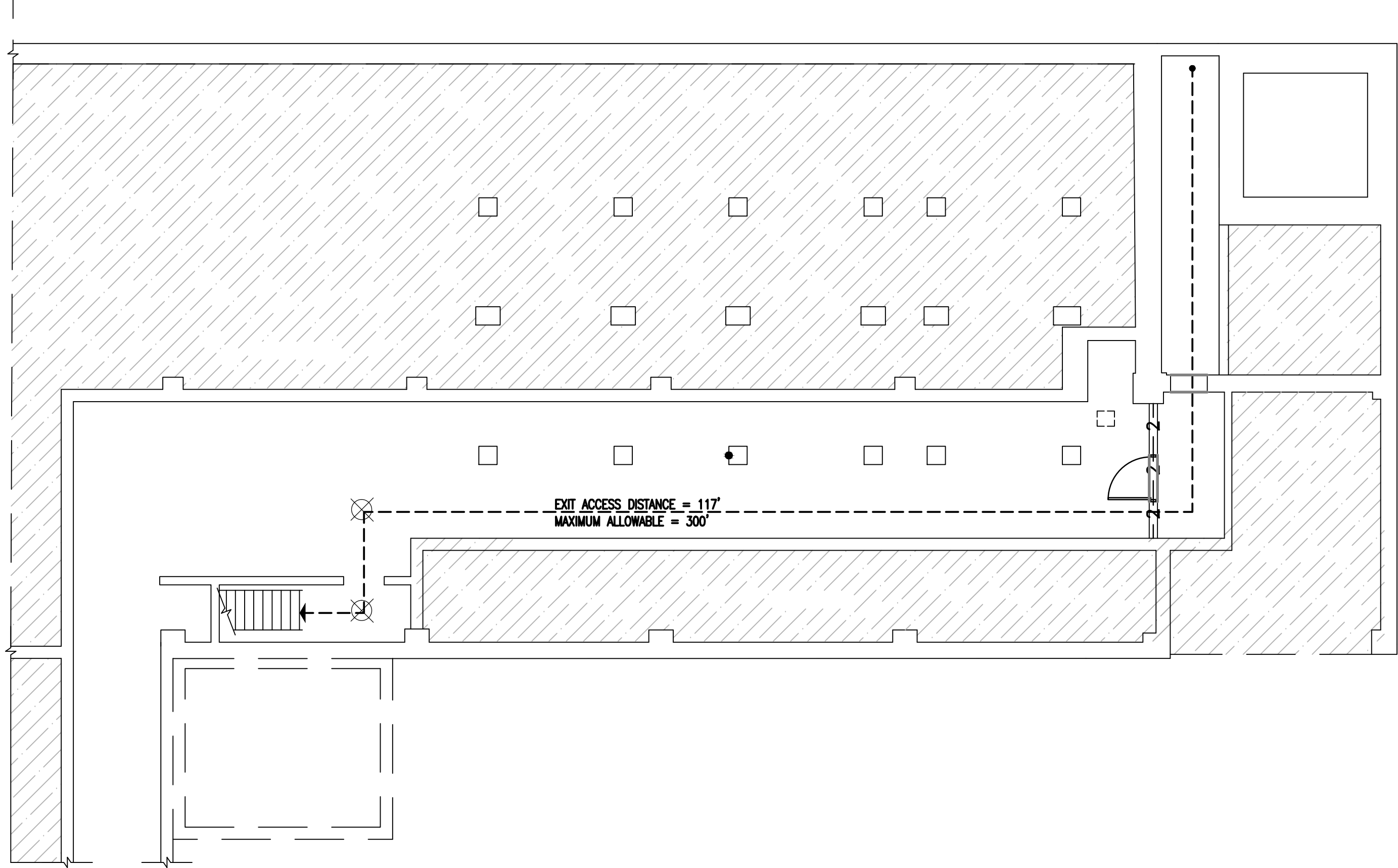
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G100

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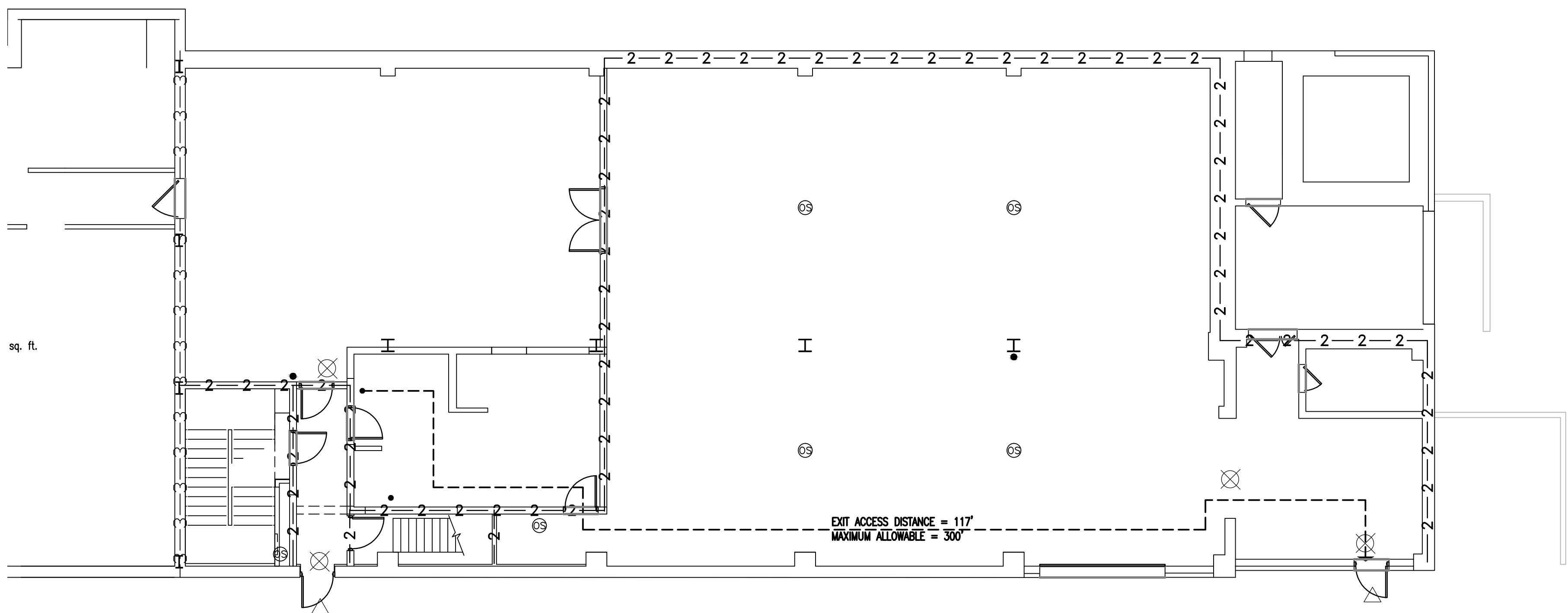
Office of
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and Facilities
Management



three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



C1 BASEMENT LEVEL LIFE SAFETY PLAN - 90'-0"
1/8" = 1'-0"



F1 GROUND LEVEL LIFE SAFETY PLAN - 100'-0"
1/8" = 1'-0"

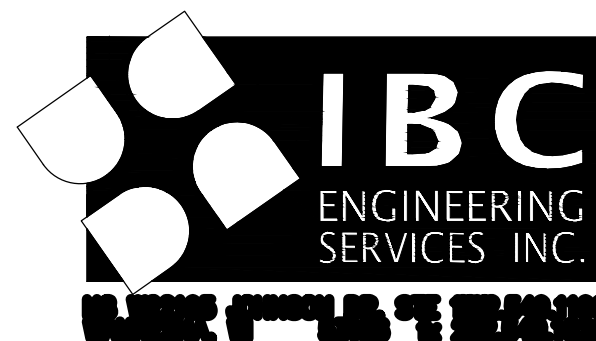


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Drawing Title
**General Fire and Life Safety
and Drawing Symbols**

Approved: Project Director

Project Title
**William S. Middleton VA Hospital
Renovate Building 2**

Location
Madison, WI

Date
MARCH 29, 2013

Checked
X

Drawn
SAS

Project Number
607-12-115
Building Number
2

Drawing Number
G101
Dwg. of

Office of
Construction
and Facilities
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ABBREVIATIONS:

ABV	ABOVE
AFT	ABOVE FINISHED FLOOR
AFC	ABOVE FINISHED GRADE
AIC	AVAILABLE INTERRUPTING CURRENT
AIE	ARCHITECT/ENGINEER
ALT	ALTERNATE
ALT SW	ALTERNATOR SWITCH
ARCH	ARCHITECT
ATS	AUTOMATIC TRANSFER SWITCH
BFG	BELOW FINAL GRADE
BLDG	BUILDING
BPC	BOLTED PRESSURE CONTACT SWITCH
BKR	BREAKER
BOL	BUILT IN OVERLOAD
BUR	BUILT-UP ROOF
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CLG	CEILING
CP	CONTROL PANEL
CS	COMBINATION STARTER
CT	CURRENT TRANSFORMER
DE	DUAL ELEMENT FUSES
DIR	DIRECT
DISC	DISCONNECT
DN	DOWN
EX	EXISTING
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION REFERENCE
EM	EMERGENCY
ENT	ELECTRICAL NON-METALLIC TUBING
EMT	ELECTRIC METALLIC TUBING
EOL	END OF LINE RESISTOR
EP	EXPLOSION PROOF
ER	EXISTING TO BE REMOVED
ERL	EXISTING TO BE RELOCATED
ERLD	EXISTING RELOCATED
ETR	EXISTING TO REMAIN
EXIST	EXISTING
EW	ELECTRIC WATER COOLER
FLUSH	FLUSH
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
FDR	FEEDER
FIXT	FIXTURE
FLR	FLOOR
FLA	FULL LOAD AMPS
FLUOR	FLUORESCENT
FS	FLOW SWITCH
FVNR	FULL VOLTAGE NON-REVERSING
GC	GENERAL CONTRACTOR
GF	GROUND FAULT INTERRUPTER
GRC	GALVANIZED RIGID CONDUIT
GRD	GROUND
GYP	GYPSON BOARD
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTO SWITCH
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HVAC	HEATING & VENTILATING - AIR CONDITIONING
HVC	HEATING VENTILATING CONTRACTOR
HW	HEAVYWALL
ID	INDIRECT
IL	INTERLOCK
IMC	INTERMEDIATE METAL CONDUIT
INC	INCANDESCENT
IU	IN UNIT
J-BOX	JUNCTION BOX
LG	LAY-IN GRID
LTG	LIGHTING
LV	LOW VOLTAGE
LVT	LINE VOLTAGE THERMOSTAT
MAG	MAGNETIC STARTER
MAN	MANUAL STARTER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MSB	MAIN SWITCHBOARD
MTD	MOUNTED
NIC	NOT IN CONTRACT
NU	NEAR UNIT
OU	ON UNIT
P	POLE
PB	PUSHBUTTON
PEND	PENDANT
PC	PHOTO CONTROL
PE SW	PNEUMATIC SWITCH
PLBG	PLUMBING CONTRACTOR
PNL	PANEL
R	RELAY
RAI	REMAIN AS IS
RE/CKT	RECONNECT TO EXISTING CIRCUIT
REC	RECESS
RECEPT	RECEPTACLE
RM	ROOM
RVS	REDUCED VOLTAGE STARTING
S	SPLINE
SEL SW	SELECTOR SWITCH
SP SW	SPEED SWITCH
SURF	SURFACE
SW	SWITCH
TC	TIME CLOCK
TCP	TEMPERATURE CONTROL PANEL
TCC	TEMPERATURE CONTROL CONTRACTOR
TS	TAMPER SWITCH
TYP	TYPICAL
UG	UNDERGROUND
UNIV	UNIVERSAL
USS	UNIT SUBSTATION
UT	UNIT TRANSFORMER

100% CONSTRUCTION DOCUMENTS

three inches = one foot

one and one half inches = one foot

one inch = one foot

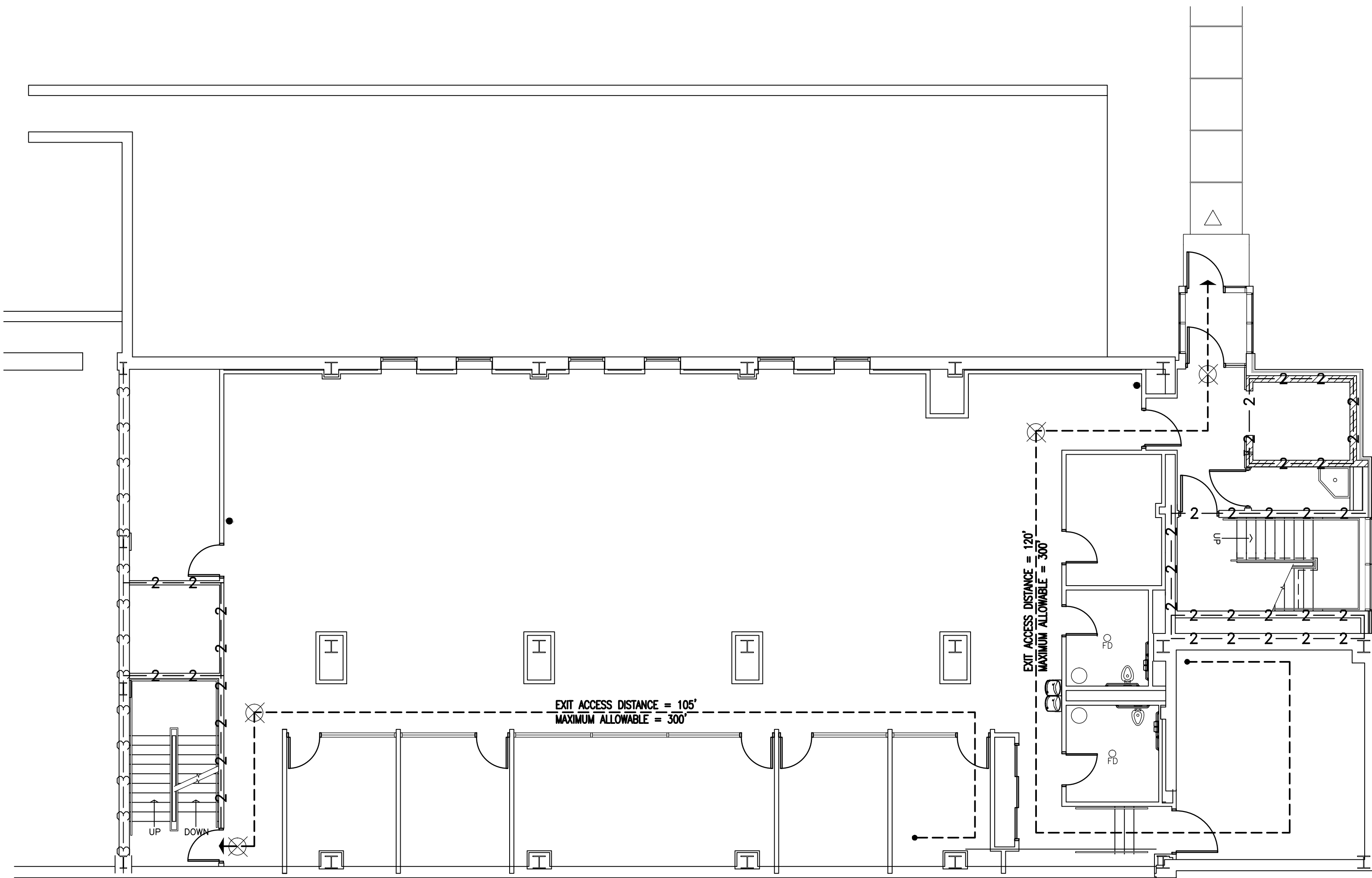
three quarters inch = one foot

one half inch = one foot

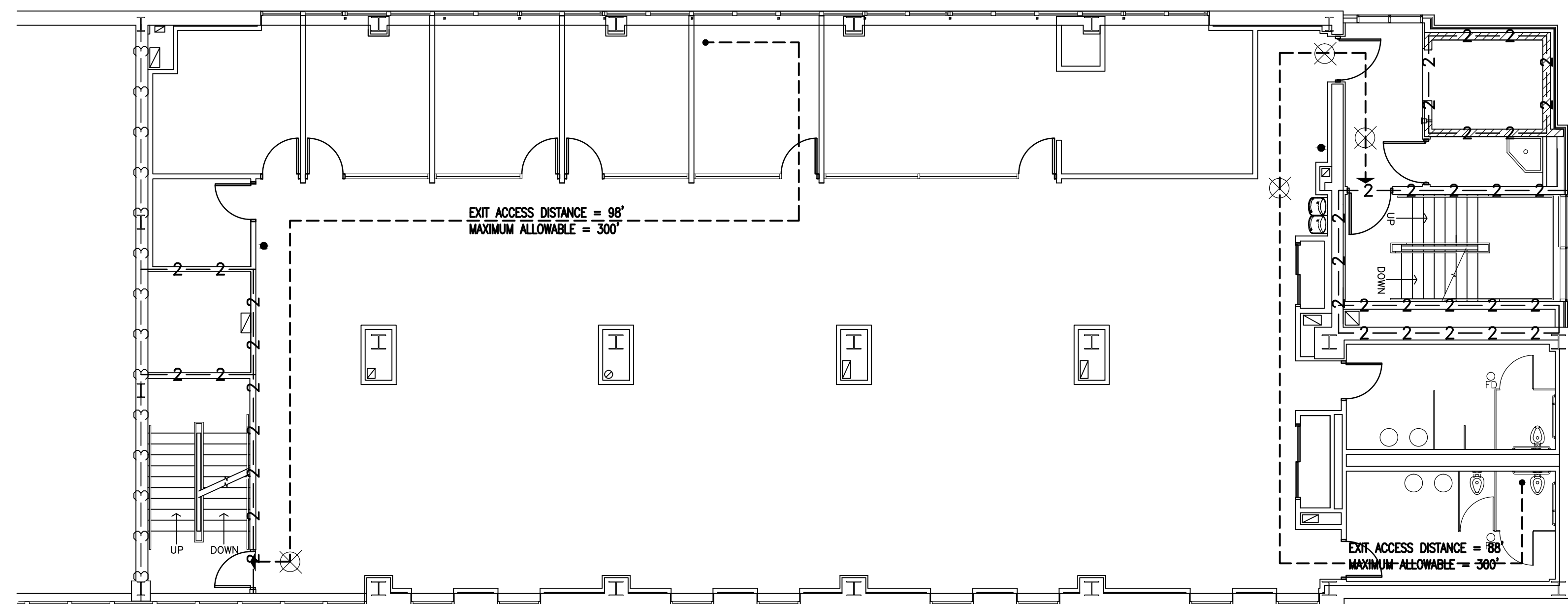
three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot



C1 FIRST LEVEL LIFE SAFETY PLAN - 114'-0"



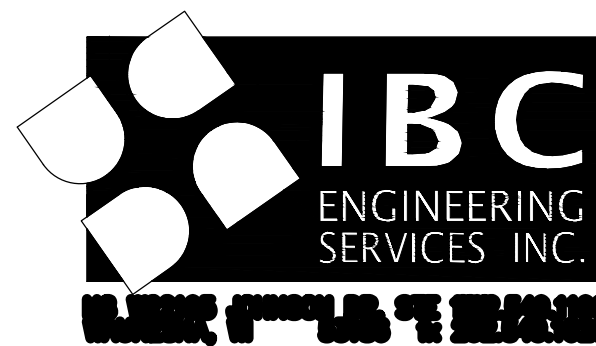
F1 SECOND LEVEL LIFE SAFETY PLAN - 125'-0"

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nagel
architects



Drawing Title
**General Fire and Life Safety
and Drawing Symbols**

Approved: Project Director

Project Title
**William S. Middleton VA Hospital
Renovate Building 2**

Location
Madison, WI

Date
MARCH 29, 2013

Checked
X

Drawn
SAS

Project Number
607-12-115

Building Number
2

Drawing Number
G102

Dwg. of

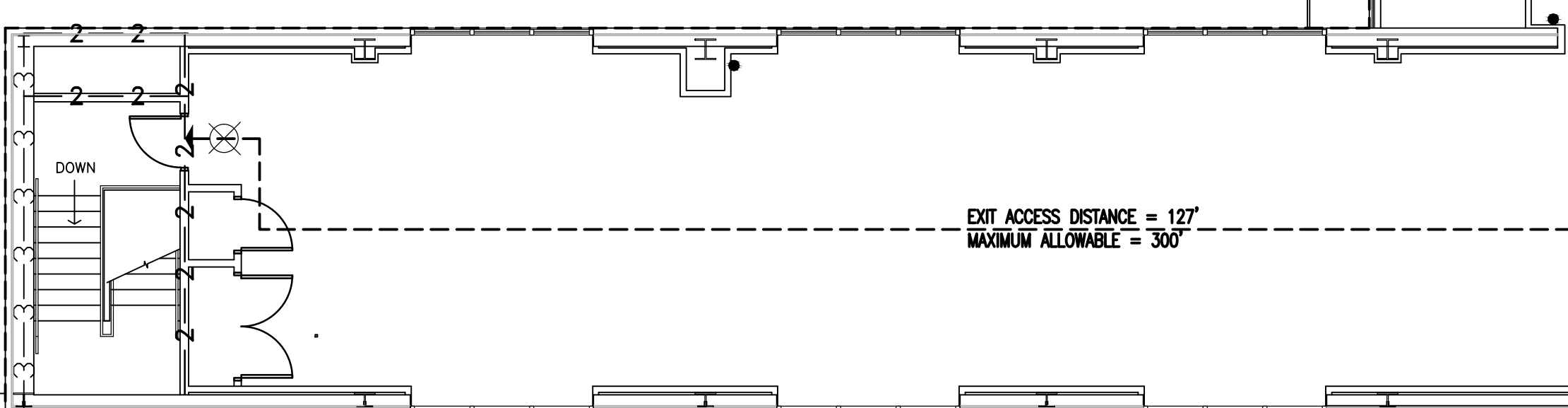
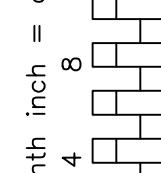
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SEL SW	SELECTOR SWITCH
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SURF	SURFACE
SW	SWITCH
TC	TIME CLOCK
TCP	TEMPERATURE CONTROL PANEL
TCC	TEMPERATURE CONTROL CONTRACTOR
TS	TAMPER SWITCH
TYP	TYPICAL
UG	UNDERGROUND
UNIV	UNIVERSAL
USS	UNIT SUBSTATION
VP	VENTILATION
W	WALL

100% CONSTRUCTION DOCUMENTS

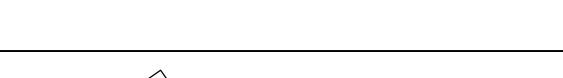


PLAN NORTH

$$1/8'' = 1'-0''$$

Revisions:	Date
------------	------


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Drawing Title	
General Fire and Life Safety and Drawing Symbols	
Approved: Project Director	


Project Title William S. Middleton VA Hospital Renovate Building 2			Project Number 607-12-115	
Location Madison, WI			Building Number 2	
Date MARCH 29, 2013			Drawing Number G103	
Checked X	Drawn SAS	Dwg. of		

Office of
Construction
and Facilities
Management




 Department of
Veterans Affairs

CODE REVIEW			
NAME OF PROJECT:		MIDDLETON VA HOSPITAL - RENOVATE BUILDING 2	
ADDRESS:		2500 OVERLOOK TERRACE MADISON, WISCONSIN 53705	
PROPOSED USE:		OFFICE	
OWNER OR AUTHORIZED AGENT:		DEPARTMENT OF VETERANS AFFAIRS	
OWNED BY:		FEDERAL	
CODE ENFORCEMENT JURISDICTION:		VA	
DESIGN RESPONSIBILITY			
DISCIPLINE	FIRM	NAME	LICENSE NUMBER TELEPHONE
ARCHITECTURAL	NAGEL ARCHITECTS	GREG NAGEL	A-9635 262-641-0746
INTERIOR DESIGN	KAHLER SLATER	KATY FREY	
CIVIL	GRAF	ANDREW PREMIO	E-41079 608-242-1550
STRUCTURAL	GRAF	BRYANT STEMPSKI	E-37299 608-242-1550
PLUMBING	IBC ENGINEERING SERVICES	TOM KING	
MECHANICAL	IBC ENGINEERING SERVICES	TOM KING	
ELECTRICAL	IBC ENGINEERING SERVICES	TOM KING	
OTHER			
BUILDING SUMMARY			
PRIMARY CONSTRUCTION TYPE:		I-A	PRIMARY OCCUPANCY: B
NUMBER OF STORIES		4	NUMBER OF STORES ABOVE GRADE: 2 OR MORE
BUILDING FULLY SPRINKLERED		YES	STANDPIPEES CLASS II
Perimeter of building that fronts a public way or open space with 20' minimum width (F) ¹ Overall perimeter of building (F) ² Width of public way or open space (max value of 30 feet). see 506.2.1 (W) ³		120 500 30	F/P = 0.240 W/30 = 1 I _r = -1.00
Section 506, Eq. 5-2			

Minimum Plumbing Fixture Calculations per IBC								
B	Buildings for the transaction of business, professional services, other services involving merchandise, office buildings, banks, light industrial and similar uses	NO. OF PERSONS	PERCENT MALES	PERCENT FEMALES	NO. OF MALES	NO. OF FEMALES	MALE WC MALE URINAL (up to)	MALE LAV FEMALE VWC FEMALE LAV DRINKING FOUNTAINS SHOWERS BATHTUBS OTHERS
TOTALS		140	50	50	70	70	2.4 1.8 2 3 2 2 2	1 service sink



LIFE SAFETY LEGEND:

— 1 — 1 — 1 — 1 — 1 — 1 — 1 —	FIRE RESISTIVE RATED LINE, 1 HOUR
— 2 — 2 — 2 — 2 — 2 — 2 — 2 —	FIRE RESISTIVE RATED LINE, 2 HOUR
— 3 — 3 — 3 — 3 — 3 — 3 — 3 —	FIRE RESISTIVE RATED LINE, 3 HOUR
— 4 — 4 — 4 — 4 — 4 — 4 — 4 —	FIRE RESISTIVE RATED LINE, 4 HOUR
— 1 S — 1 S — 1 S — 1 S — 1 S — 1 S — 1 S —	FIRE—RATED, SMOKE BARRIER LINE, 1 HOUR
— 2 S — 2 S — 2 S — 2 S — 2 S — 2 S — 2 S —	FIRE—RATED, SMOKE BARRIER LINE, 2 HOUR
— 3 S — 3 S — 3 S — 3 S — 3 S — 3 S — 3 S —	FIRE—RATED, SMOKE BARRIER LINE, 3 HOUR
— 4 S — 4 S — 4 S — 4 S — 4 S — 4 S — 4 S —	FIRE—RATED, SMOKE BARRIER LINE, 4 HOUR
●	FIRE EXTINGUISHER
	EGRESS CORRIDOR
	EXIT SIGN
	EXTERIOR EGRESS

ABOVE
 ABOVE FINISHED FLOOR
 G ABOVE FINISHED GRADE
 3 AVAILABLE INTERRUPTING CURRENT
 2 ARCHITECT/ENGINEER
 T ALTERNATE
 T SW ALTERNATOR SWITCH
 1CH ARCHITECT
 S AUTOMATIC TRANSFER SWITCH
 G BELOW FINAL GRADE
 .DG BUILDING
 1C BOLTED PRESSURE CONTACT SWITCH
 .R BREAKER
 .L BUILT IN OVERLOAD
 .R BUILT-UP ROOF
 .TV CABLE TELEVISION
 .3 CLOSED CIRCUIT TELEVISION
 3 CIRCUIT BREAKER
 .G CIRCUIT
 .G CEILING
 3 CONTROL PANEL
 3 COMBINATION STARTER
 3 CURRENT TRANSFORMER
 3 DUAL ELEMENT FUSES
 R DIRECT
 .SC DISCONNECT
 1 DOWN
 .EX EXISTING
 EC ELECTRICAL CONTRACTOR
 ELEV ELEVATION REFERENCE
 EM EMERGENCY
 ENT ELECTRICAL NON-METALLIC TUBING
 EMT ELECTRIC METALLIC TUBING
 EOL END OF LINE RESISTOR
 EP EXPLOSION PROOF
 ER EXISTING TO BE REMOVED
 EXERD EXISTING TO BE RELOCATED
 EXETR EXISTING TO RELOCATE
 EXIST EXISTING
 EWC ELECTRIC WATER COOLER
 F FLUSH
 FAAP FIRE ALARM ANNUNCIATOR PANEL
 FACP FIRE ALARM CONTROL PANEL
 FBO FURNISHED BY OTHERS
 FDR FEEDER
 FIXT FIXTURE
 FLR FLOOR
 FLA FULL LOAD AMPS
 FLUOR FLUORESCENT
 FS FLOW SWITCH
 FVNR FULL VOLTAGE NON-REVERSING
 GC GENERAL CONTRACTOR
 GF GROUND FAULT INTERRUPTER
 GRC GALVANIZED RIGID CONDUIT
 GRD GROUND
 GYP GYPSUM BOARD
 HD HIGH INTENSITY DISCHARGE
 HOA HAND-OFF-AUTO SWITCH
 HP HORSEPOWER
 HPS HIGH PRESSURE SODIUM
 HV HIGH VOLTAGE
 HVAC HEATING & VENTILATING - AIR CONDITIONING
 HVAC HEATING VENTILATING CONTRACTOR
 HWALL HEAVYWALL
 ID INDIRECT
 IL INTERLOCK
 IMC INTERMEDIATE METAL CONDUIT
 INCANDESCENT
 IN IN UNIT
 J-BOX JUNCTION BOX
 LG LAY-IN GRID
 LG LIGHTING
 LV LOW VOLTAGE
 LV LINE VOLTAGE THERMOSTAT
 MAG MAGNETIC STARTER
 MAN MANUAL STARTER
 MCC MOTOR CONTROL CENTER
 MDP MAIN DISTRIBUTION PANEL
 MLO MAIN LUGS ONLY
 MSB MAIN SWITCHBOARD
 MTD MOUNTED
 NIC NOT IN CONTRACT
 NU NEAR UNIT
 OU ON UNIT
 P POLE
 PB PUSHBUTTON
 PEND PENDANT
 PC PHOTO CONTROL
 PE SW PNEUMATIC SWITCH
 PLBG PLUMBING CONTRACTOR
 PNL PANEL
 R RELAY
 RAI REMAIN AS IS
 RE/KCT RECONNECT TO EXISTING CIRCUIT
 REC RECESS
 RECEPT RECEPTACLE
 RM ROOM
 RVRS REDUCED VOLTAGE STARTING
 S SPLINE
 SEL SW SELECTOR SWITCH
 SP SW SPEED SWITCH
 SURF SURFACE
 SW SWITCH
 TC TIME CLOCK
 TCP TEMPERATURE CONTROL PANEL
 TCC TEMPERATURE CONTROL CONTRACTOR
 TS TAMPER SWITCH
 TYP TYPICAL
 UG UNDERGROUND
 UNIV UNIVERSAL
 USS UNIT SUBSTATION
 VEA VENTILATION
 VENT VENTILATION

100% CONSTRUCTION DOCUMENTS

three inches = one foot
6"

one and one half inches = one foot
6"

2

one inch = one foot
6"

three quarters inch = one foot
6"

4

one half inch = one foot
6"

three eighths inch = one foot
6"

8

one quarter inch = one foot
6"

16

one eighth inch = one foot
6"

A

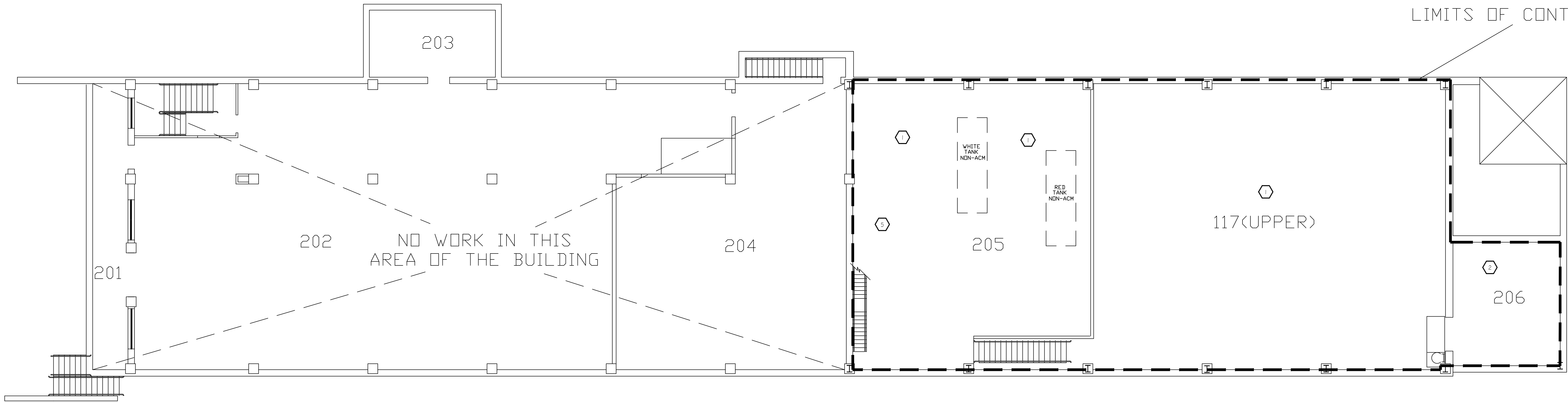
B

C

D

E

F



PLAN NOTES

1

REMOVE ALL ASBESTOS CONTAINING PIPE FITTING INSULATION.

2

REMOVE ALL ASBESTOS CONTAINING PIPE INSULATION.

3

CONDUCT SELECTIVE DEMOLITION TO ACCESS PIPING INSIDE WALL.
REMOVE ALL ASBESTOS CONTAINING INSULATION, QUANTITY UNKNOWN.

4

REMOVE ASBESTOS CONTAINING COUNTERTOP AND SINK WITH
ASBESTOS CONTAINING SINK UNDERCOATING.

5

REMOVE EXISTING TANK WITH ASBESTOS CONTAINING COATING.

6

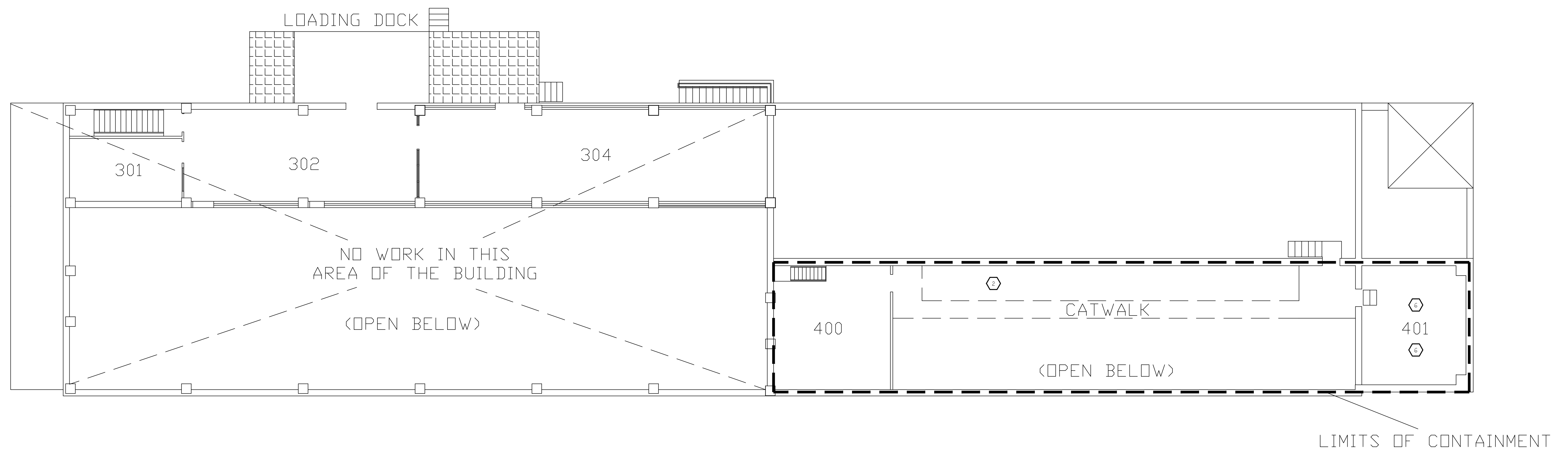
REMOVE ASH HOPPERS WITH ASBESTOS CONTAINING GASKET/PACKING
MATERIAL.

ASBESTOS CONTAINING PIPE INSULATION TO BE REMOVED

ROOM	PIPE FITTINGS ON FIBERGLASS PIPE INS.	PIPE INSULATION INCLUDING FITTINGS
117(UPPER)	64 FITTINGS	
205	174 FITTINGS	
206(UPPER)		96 LF

1 ASBESTOS ABATEMENT PLAN - FIRST FLOOR
SCALE: 1/8" = 1'

		CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management Department of Veterans Affairs			
		<div><div>EMC</div><div>Environmental Management Consulting, Inc.</div></div> <div>W7748 HWY V LAKE MILLS, WI 53551 PHONE: (920) 648-6343 FAX: (920) 648-4370</div>		<div>13100 watertown plank road suite 200 elm grove, wi 53122</div> <div>p 262.641.0746 f 262.641.0584</div> <div><div>nagel</div><div>architects</div></div> <div><div>IBC</div><div>ENGINEERING SERVICES INC.</div></div> <div>N8 W22195 JOHNSON DR. STE 200 549.1190 WAUKESHA, WI 53186 fx 262.549.1620</div>		Asbestos Abatement Plan-First Floor		William S. Middleton VA Hospital Renovate Building 2		607-12-115					
								Approved: Project Director		Location Madison, WI				Building Number 2	
Revisions:						Date				Date MARCH 29, 2013				Checked JTB	
										Drawing Number HA-102					
										Dwg. 2 of 3					



PLAN NOTES

- | | |
|---|--|
| ⑦ | REMOVE ALL ASBESTOS CONTAINING PIPE FITTING INSULATION. |
| ⑧ | REMOVE ALL ASBESTOS CONTAINING PIPE INSULATION. |
| ⑨ | CONDUCT SELECTIVE DEMOLITION TO ACCESS PIPING INSIDE WALL.
REMOVE ALL ASBESTOS CONTAINING INSULATION, QUANTITY UNKNOWN. |
| ⑩ | REMOVE ASBESTOS CONTAINING COUNTERTOP AND SINK WITH
ASBESTOS CONTAINING SINK UNDERCOATING. |
| ⑪ | REMOVE EXISTING TANK WITH ASBESTOS CONTAINING COATING. |
| ⑫ | REMOVE ASH HOPPERS WITH ASBESTOS CONTAINING GASKET/PACKING
MATERIAL. |

1 ASBESTOS ABATEMENT PLAN - MEZZANINE FLOOR
SCALE: 1/8" = 1'

[illegible]

CONSULTANTS:



W7748 HWY V
LAKE MILLS, WI 53551
PHONE: (920) 648-6343
FAX: (920) 648-4370

ARCHITECT/ENGINEERS:

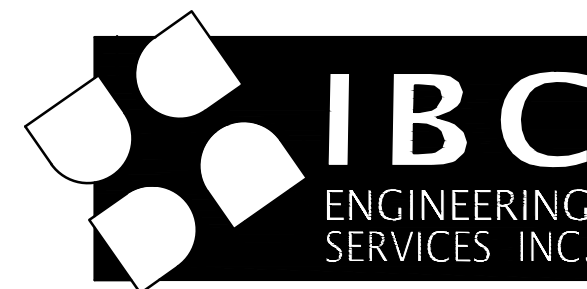
13100 watertown plank road

suite 200
elm grove, wi 53122

p 262.641.0746
f 262.641.0584



nagel
architects



	Drawing Title
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Asbestos Abatement Plan-Mezzanine Floor

Approved: Project Director

	Project Title
--	---------------

William S. Middleton VA Hospital
Renovate Building 2

Location	Madison, WI
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Date
MARCH 29, 2013

Checked	ITB
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Drawn	IRN
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Project Number	607-12-115
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Building Number	2
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Drawing Number	
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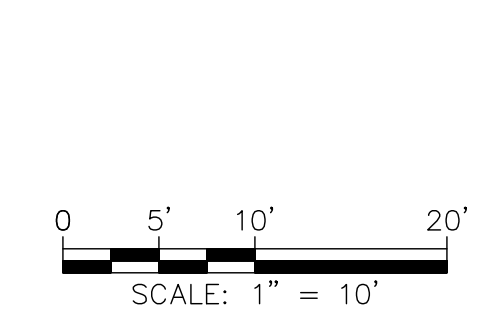
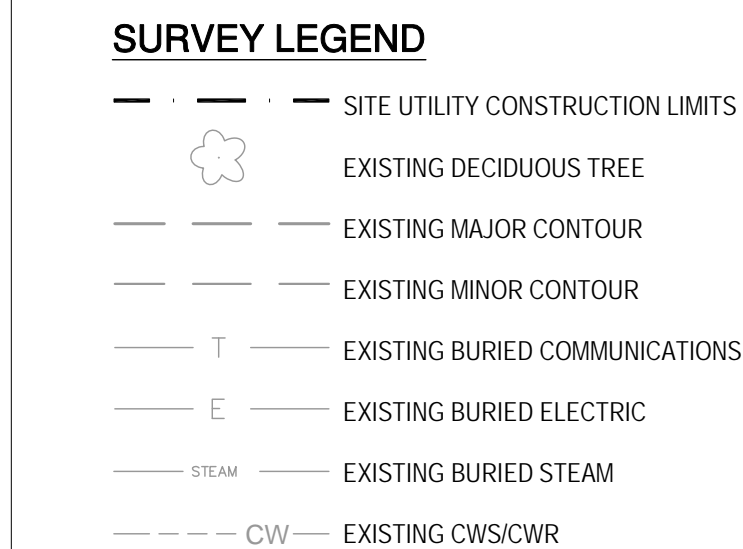
Dwg. 3 of 3

Office of
Construction
and Facilities
Management



100% CONSTRUCTION DOCUMENTS

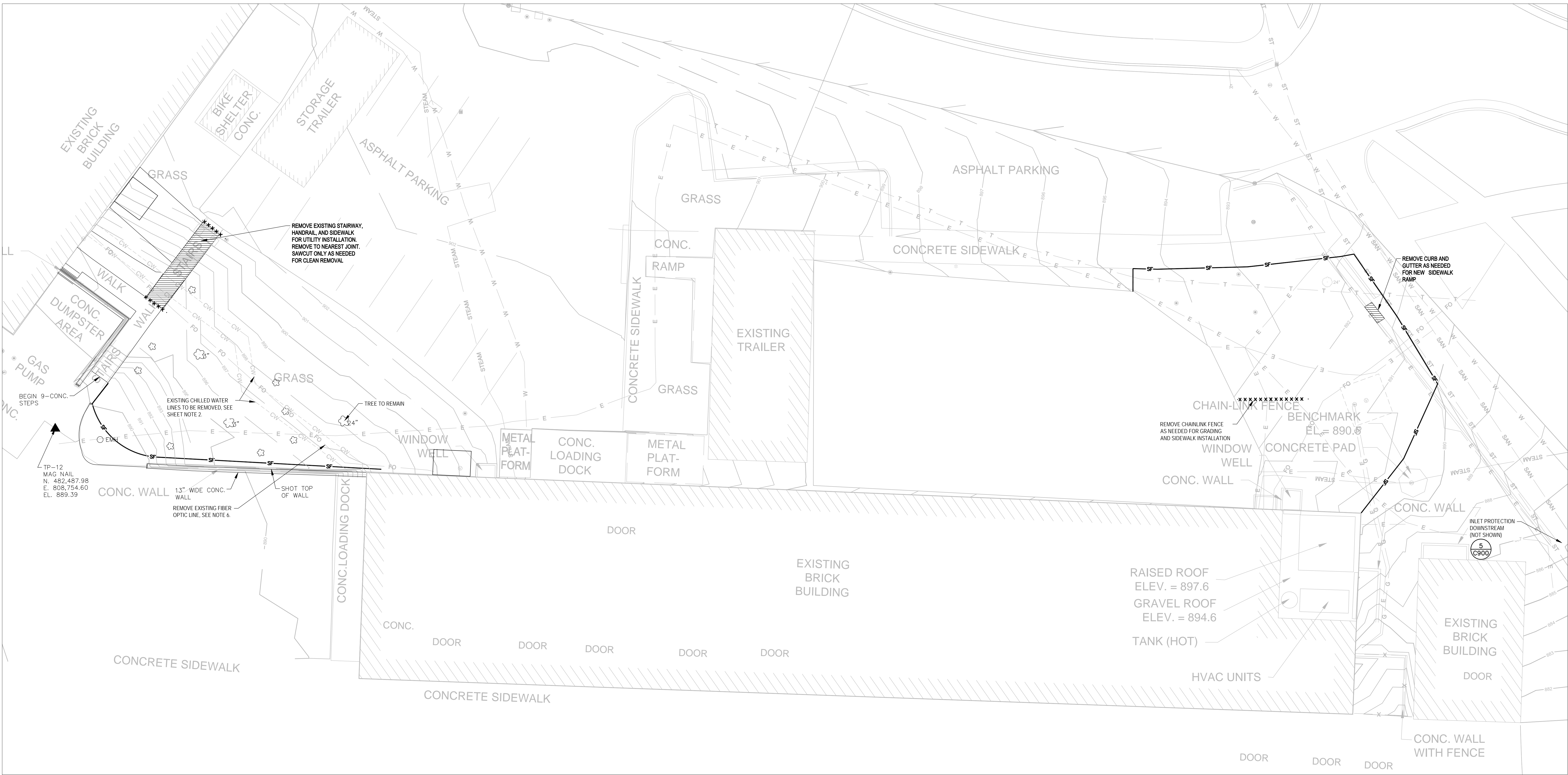
1. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.



100% CONSTRUCTION DOCUMENTS

[illegible]

one and one half inches = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



GENERAL NOTES

- UNDERGROUND UTILITIES HAVE BEEN SHOWN TO A REASONABLE DEGREE OF ACCURACY AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES.
- SEQUENCING NEEDS TO BE TAKEN INTO ACCOUNT FOR UTILITY REMOVALS. UTILITY REMOVALS SHALL BE CAREFULLY COORDINATED WITH THE VA MECHANICAL ENGINEER, AND ELECTRICAL ENGINEER TO INSURE NO DISTURBANCE TO CRITICAL SERVICES AT THE VA.

LEGEND

- REMOVE EXISTING CONCRETE
- SILT FENCE, SEE 2C-900
- INLET PROTECTION, SEE 5C-900

REMOVAL NOTES

- EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND DISCREPANCIES REPORTED TO THE ENGINEER PRIOR TO STARTING WORK.
- CONTRACTOR SHALL VERIFY ALL EXISTING LINES NOTED FOR REMOVAL. CHILLED WATER LINE REMOVAL TO BE COORDINATED WITH VA. IT IS INTENDED FOR THE OLD CHILLED WATER LINES TO BE REMOVED AND THE NEW CHILLED WATER LINES INSTALLED IN THE SAME TIMEFRAME AND FOLLOW THE EXISTING PATH.
- CONTRACTOR IS RESPONSIBLE FOR SECURING THE JOB SITE TO PROTECT THE PUBLIC. COORDINATE WITH VA.
- CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH LOCAL ORDINANCES FOR DUST CONTROL. COORDINATE WITH VA.
- VA WILL REMOVE ALL PLANTINGS IN AREAS OF EXCAVATION UNLESS OTHERWISE NOTED. COORDINATE AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION ACTIVITIES IN THESE AREAS TO COORDINATE WHAT REMOVALS ARE NEEDED TO PERFORM THE WORK.
- NEW FIBER OPTIC MUST BE FULLY TESTED AND ACCEPTABLE TO VA/ENGINEER BEFORE EXISTING FIBER OPTIC IS REMOVED. COORDINATE WITH VA AND ELECTRICAL ENGINEER.

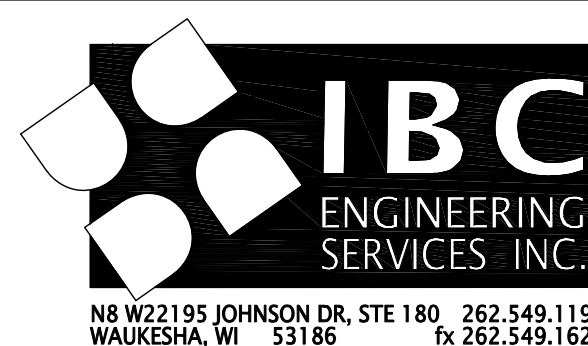
EROSION CONTROL NOTES

- CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF DANE COUNTY, CITY OF MADISON, AND THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS".
- ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON SITE.
- ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE EVERY WEEK. MAINTENANCE OF ALL EROSION CONTROL STRUCTURES SHALL BE PROVIDED TO INSURE INTENDED PURPOSE IS ACCOMPLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP AND REMOVAL OF ALL SEDIMENT WHEN LEAVING PROPERTY. EROSION CONTROL MEASURES MUST BE IN WORKING CONDITION AT END OF EACH WORK DAY.
- SILT FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS OR AS OTHERWISE COORDINATED BETWEEN VA AND ENGINEER. SEDIMENT DEPOSITS WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN DEPOSITS REACH A DEPTH OF 6 INCHES. THE SILT FENCE WILL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN A BARRIER.
- FILTER FABRIC SHALL BE INSTALLED BENEATH INLET COVERS TO TRAP SEDIMENT AS PER INLET PROTECTION DETAIL IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS OR AS OTHERWISE COORDINATED BETWEEN VA AND ENGINEER.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL SITE IS FULLY STABILIZED.
- PERIODIC STREET SWEEPING WILL BE COMPLETED BY THE CONTRACTOR TO MAINTAIN THE PUBLIC STREET FREE OF DUST AND DIRT.
- SILT FENCE SHALL BE INSTALLED IN HORSESHOE FASHION AROUND ALL TOPSOIL AND FILL STOCKPILES.
- REMOVE EROSION CONTROL MEASURES ONLY WHEN SITE IS FULLY STABILIZED.
- SITE DEWATERING. WATER PUMPED FROM THE SITE SHALL BE TREATED BY SEDIMENT BASINS OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICES SPECIFIED BY THE WDNR TECHNICAL STANDARDS. WATER SHALL NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, ADJACENT SITES, OR RECEIVING CHANNELS.
- WASTE AND MATERIAL DISPOSAL. ALL WASTE AND UNUSED BUILDING MATERIALS INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED IN ACCORDANCE WITH LANDFILL TIPPING FEE AND RECYCLING REQUIREMENTS AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
- TRACKING. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING, TO THE SATISFACTION OF THE VA BEFORE THE END OF EACH WORKDAY.
- SEDIMENT CLEANUP. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OTHER OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE CLEANED UP BY THE END OF THE WORK DAY.
- ALL DISTURBED GROUND LEFT INACTIVE FOR SEVEN OR MORE DAYS SHALL BE STABILIZED BY TEMPORARY OR PERMANENT SEEDING OR EQUIVALENT BEST MANAGEMENT PRACTICES.
- SOIL OR DIRT STORAGE PILES SHALL BE LOCATED A MINIMUM OF 30 FEET FROM ANY DOWNSLOPE ROAD, LAKE, STREAM, WETLAND, OR DRAINAGE CHANNEL. STRAW BALE OR FILTER FABRIC FENCES SHALL BE PLACED ON THE DOWN SLOPE SIDE OF THE PILES. IF REMAINING FOR MORE THAN THIRTY DAYS, PILES SHALL BE STABILIZED BY MULCHING, VEGETATIVE COVER, TARPS OR OTHER MEANS.
- REPAIR ANY SILTATION OR EROSION DAMAGE TO ADJOINING SURFACES AND DRAINAGEWAYS RESULTING FROM LAND DEVELOPMENT OR LAND DISTURBING ACTIVITIES.
- KEEP A COPY OF THE EROSION CONTROL PLAN ON SITE.

ARCHITECT/ENGINEERS:

13100 watertown plank road
suite 200
elm grove, wi 53122
p 262.641.0746
f 262.641.0584

magel
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N8 W22195 JOHNSON DR. STE 180 262.549.1190
WAUKESHA, WI 53186 fx 262.549.1620

EDWARD G. PREMO
WI PE LICENSE #1079-004

CONSULTANTS:



5126 W. Terrace Drive
Suite 111
Madison, WI 53718-8343
608 / 242 1550
608 / 242 0787 fax

www.graef-usa.com

Drawing Title
EROSION CONTROL AND DEMOLITION PLAN

Approved: Project Director

Project Title
William S. Middleton VA Hospital
Renovate Building 2

Location
Madison, WI

Date
MARCH 29, 2013

Checked
EP

Drawn
KN

Project Number
607-12-115
Building Number
2

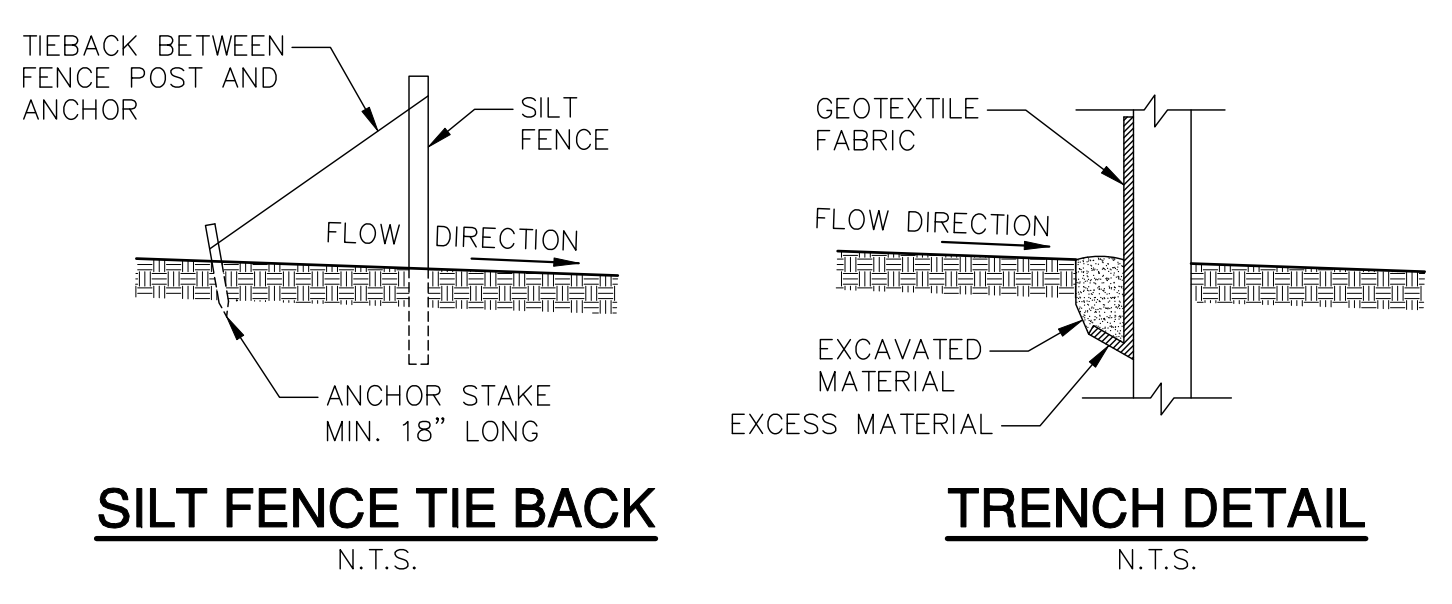
Drawing Number
C-200

Dwg. of

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs

three inches = one foot
one and one half inches = one foot
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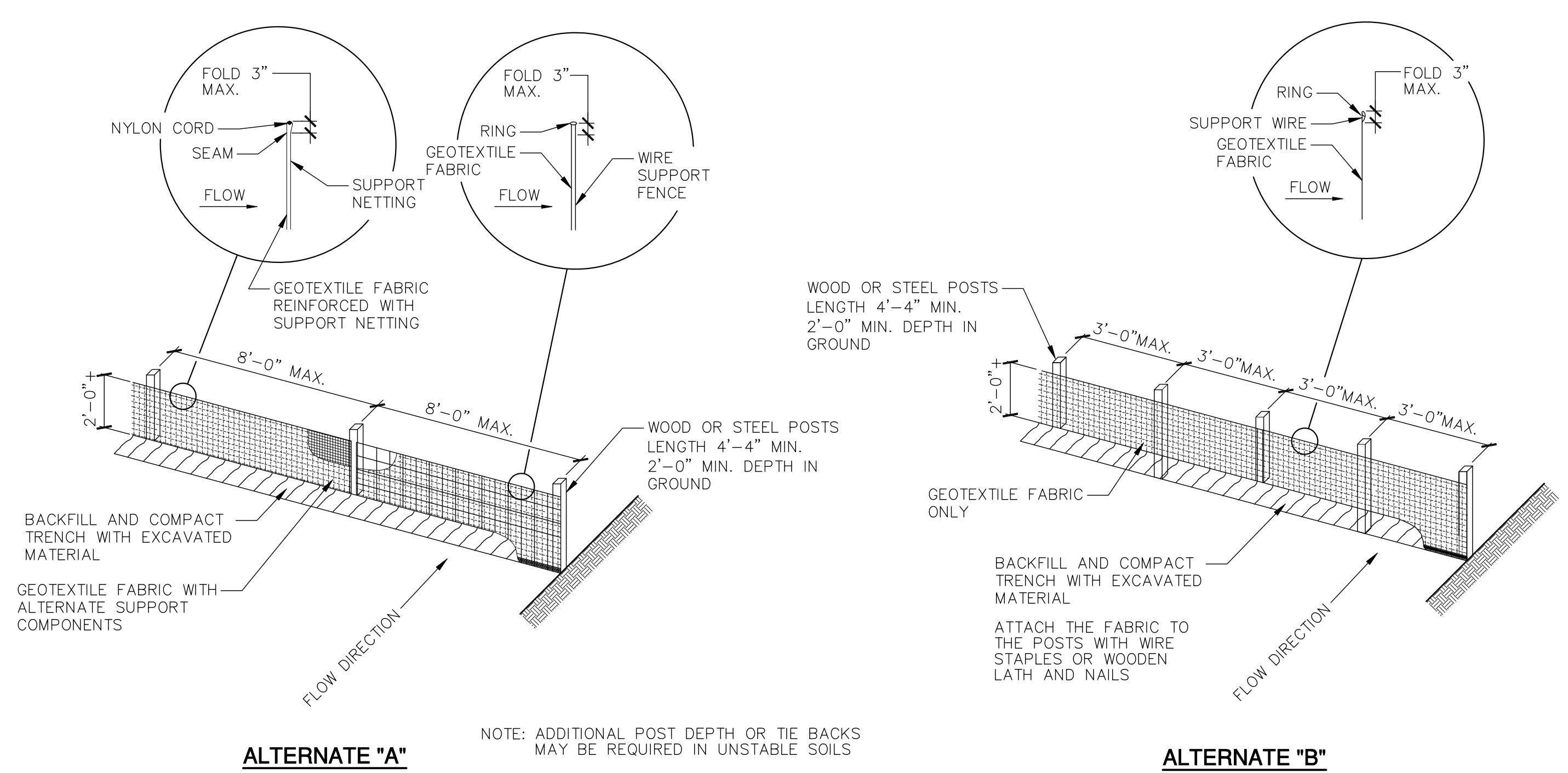
GENERAL NOTES:

DETAIL OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE WISCONSIN DNR CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.

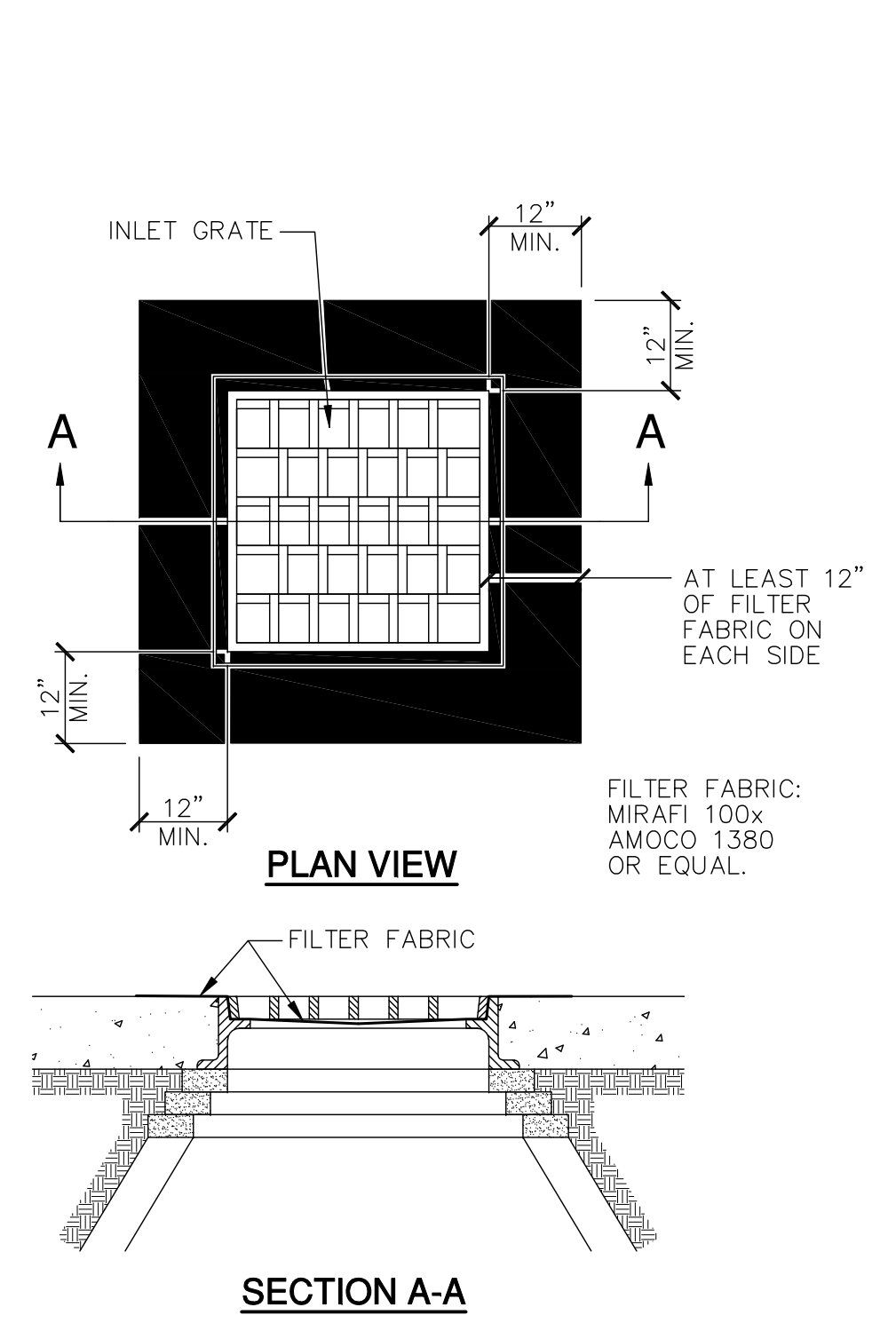
WHEN POSSIBLE THE SILT FENCE SHOULD BE CONSTRUCTED IN AN ARC OR HORSE SHOE SHAPE, WITH THE ENDS POINTING UP SLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS.

EXCAVATE A TRENCH A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

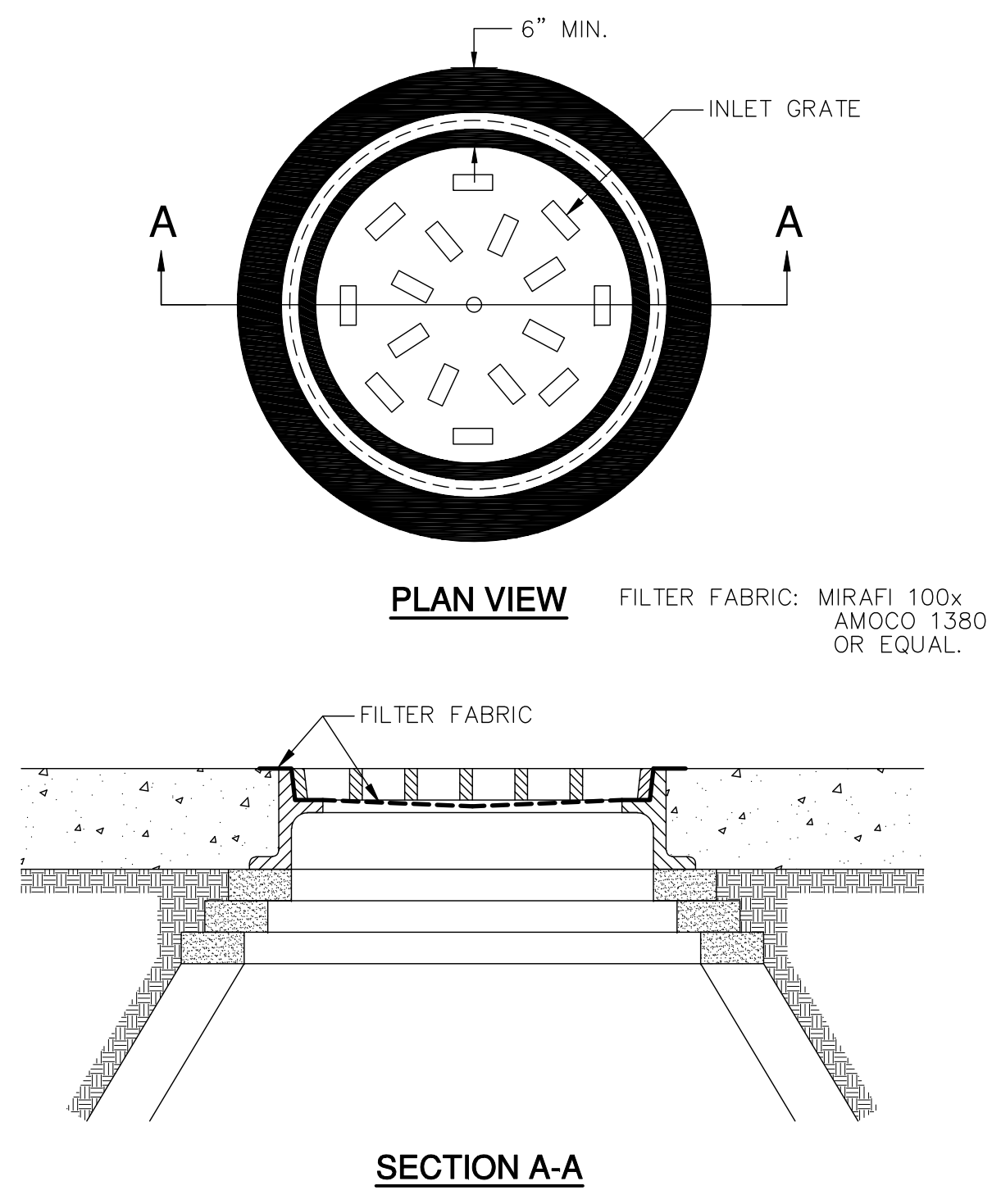
1 **SILT TIE BACK AND TRENCH**
N.T.S.



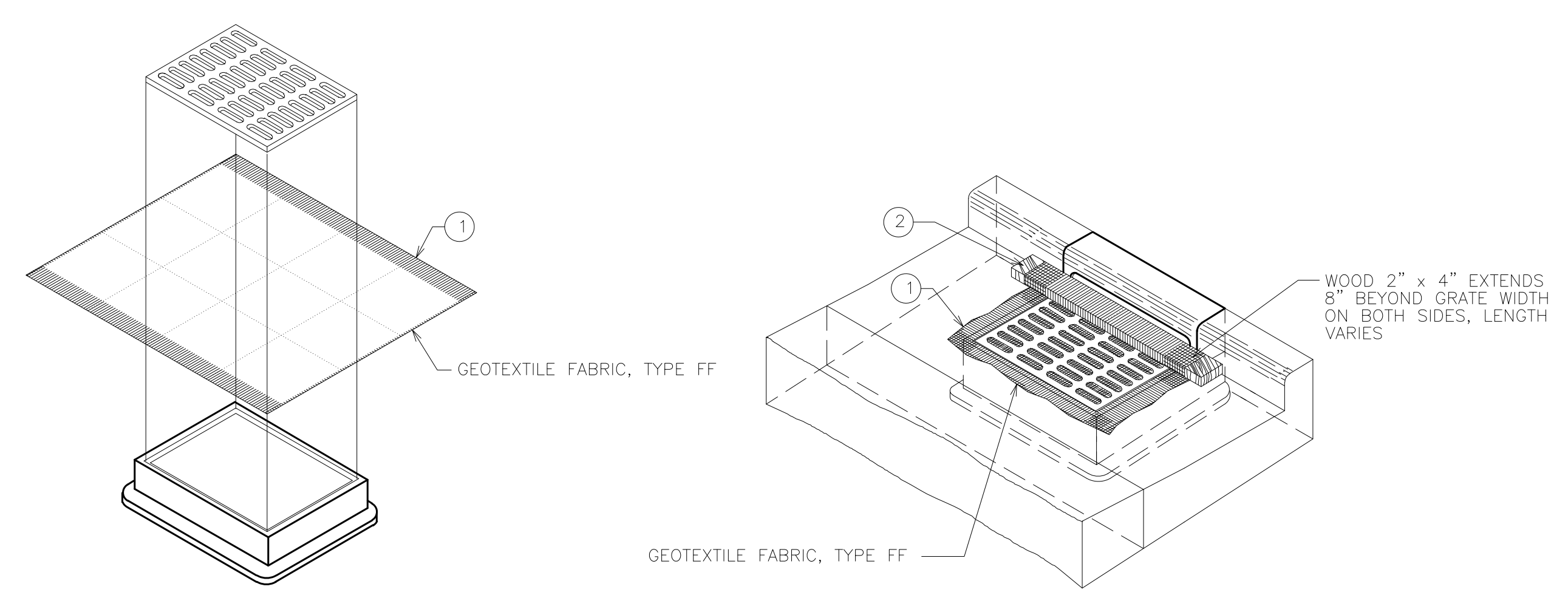
2 **SILT FENCE**
N.T.S.



3 **INLET GRATE SCREEN - SQUARE/RECTANGULAR**
N.T.S.




4 **INLET GRATE SCREEN - ROUND**
N.T.S.

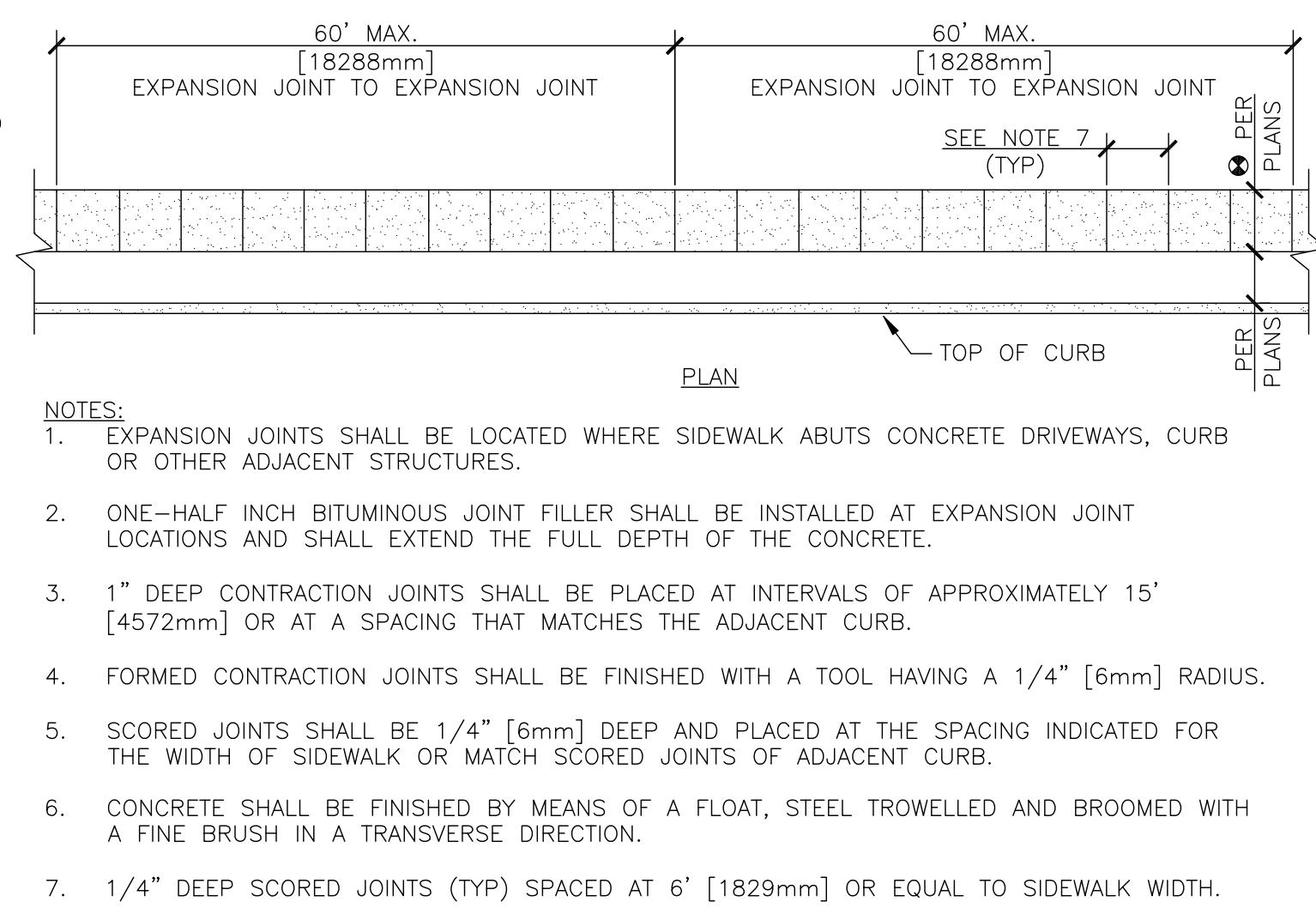
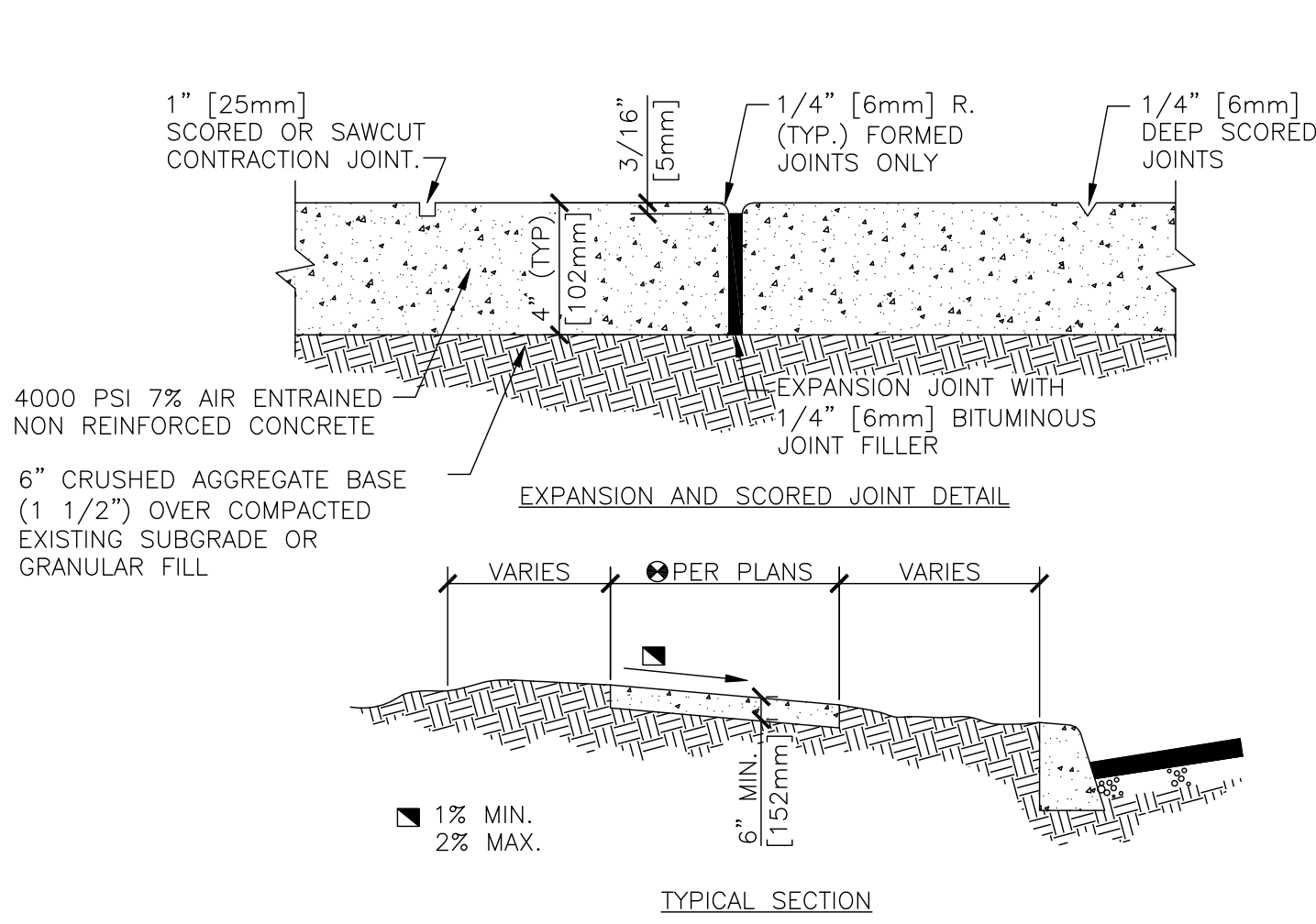


5 **INLET PROTECTION**
N.T.S.

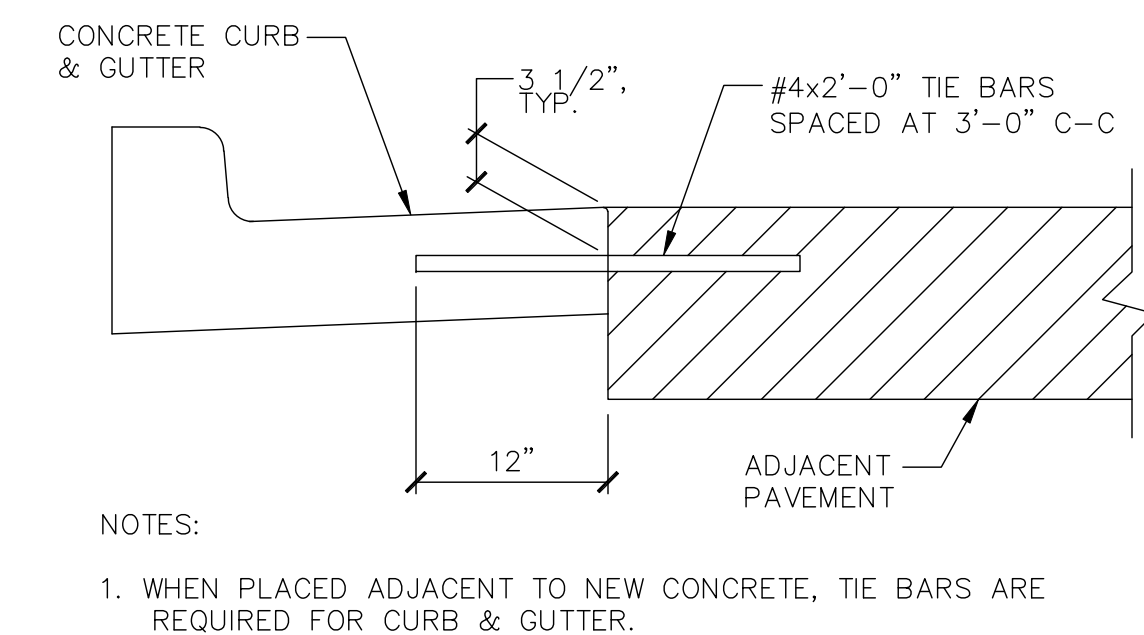
100% CONSTRUCTION DOCUMENTS

Revisions:	CONSULTANTS:		ARCHITECT/ENGINEERS:	Drawing Title SITE CONSTRUCTION DETAILS	Project Title William S. Middleton VA Hospital Renovate Building 2		Project Number 607-12-115		Office of Construction and Facilities Management		
	 5128 W. Terrace Drive Suite 111 Madison, WI 53718-8343 608 / 242 1550 608 / 242 0787 fax www.graef-usa.com				Approved: Project Director		Building Number 2			Drawing Number C-900	
							Location Madison, WI			Date MARCH 29, 2013	
							Checked EP			Drawn KN	
Date		EDWARD G. PREMO WI PE LICENSE 41079-004		N8 W22195 JOHNSON DR. STE 180 WAUKESHA, WI 53186 P 262.641.0746 F 262.641.0584		IBCEngineering Services Inc. N8 W22195 JOHNSON DR. STE 180 WAUKESHA, WI 53186 P 262.549.1190 F 262.549.1620		Dwg. of		Department of Veterans Affairs	

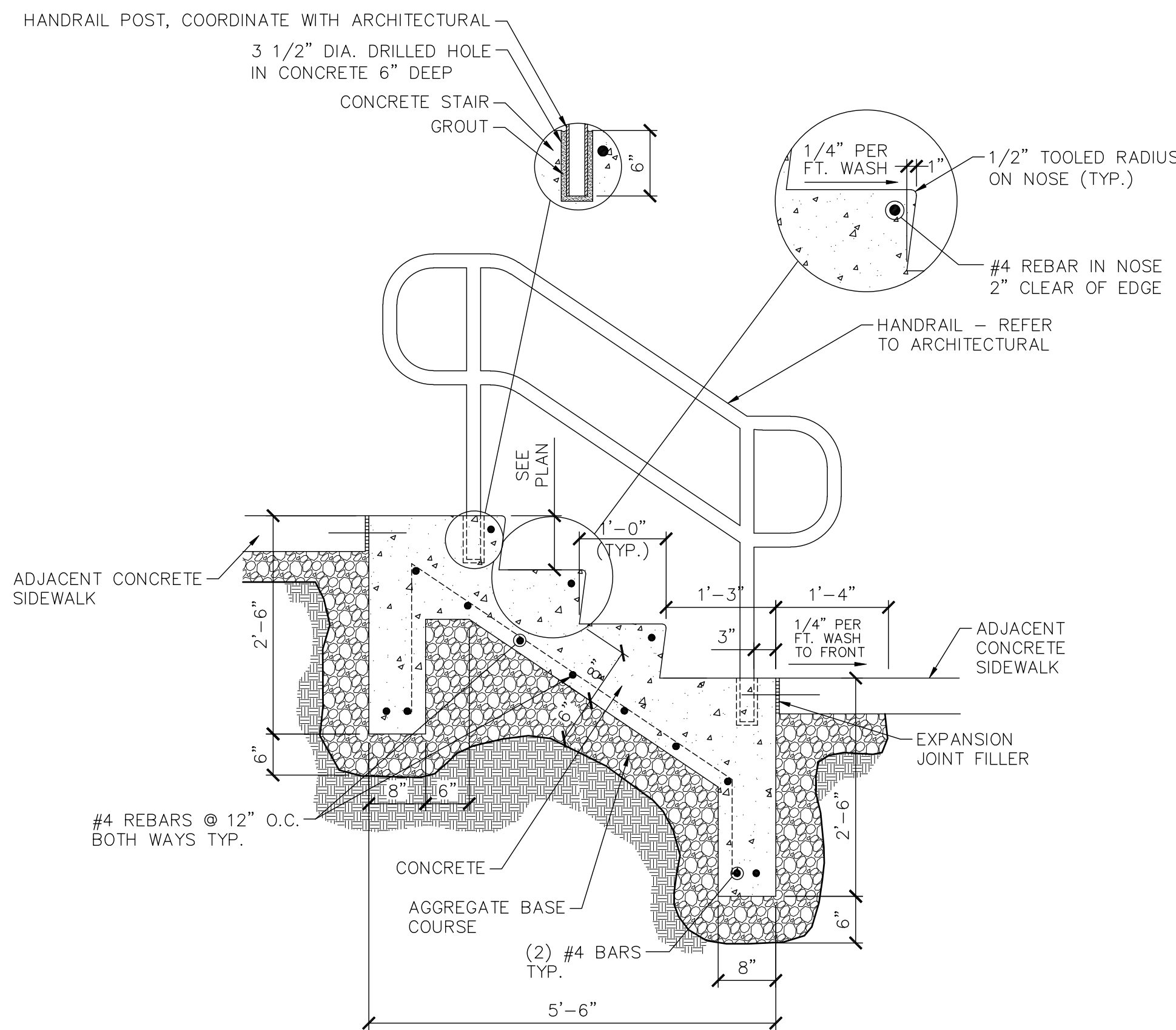
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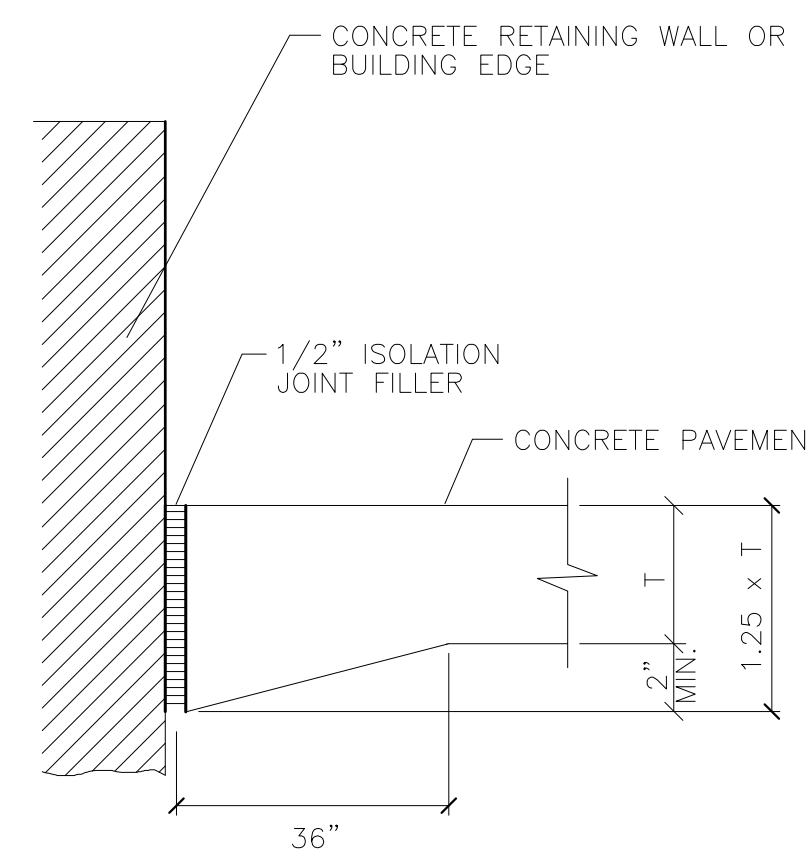
1 CONCRETE SIDEWALK
N.T.S.



4 TYPICAL TIE BAR LOCATION
N.T.S.

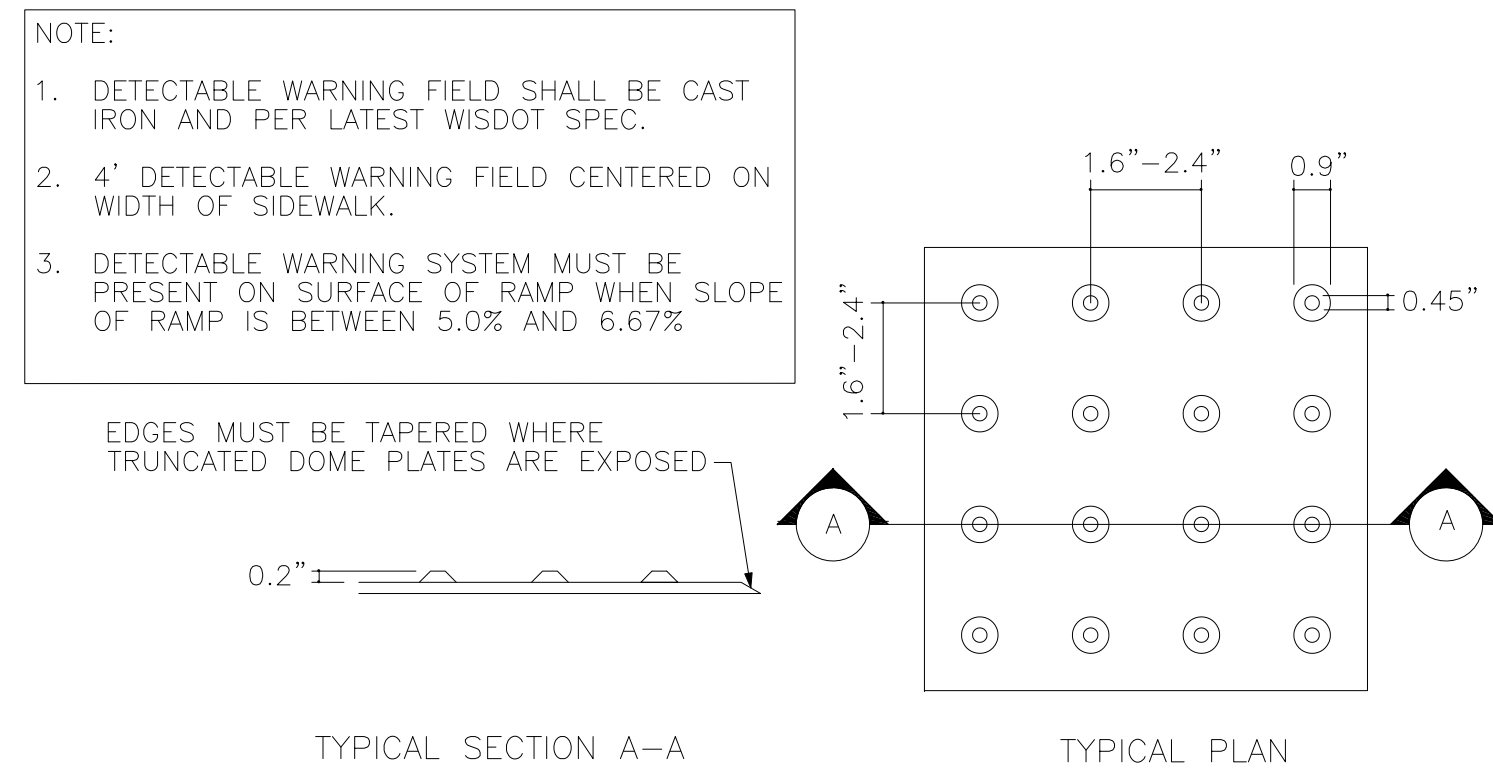
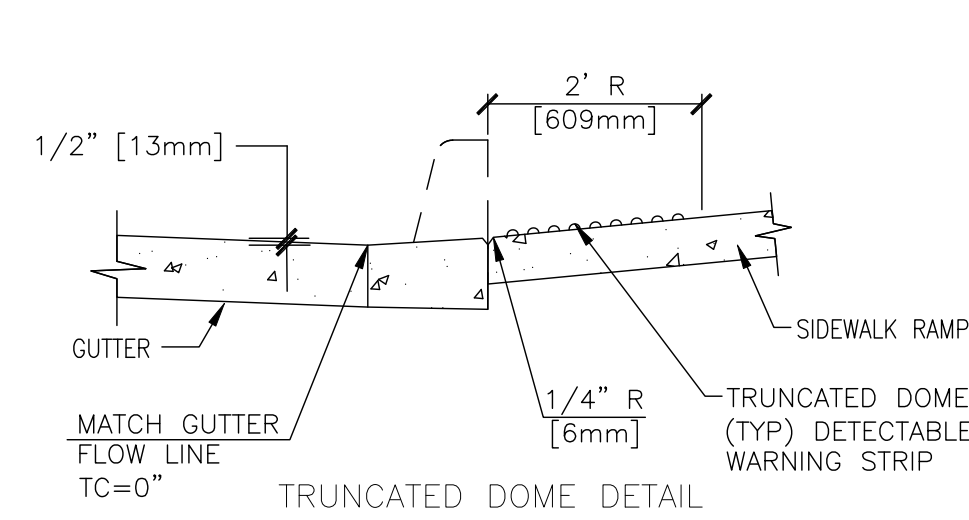


5 STAIR AND RAILING DETAIL
N.T.S.

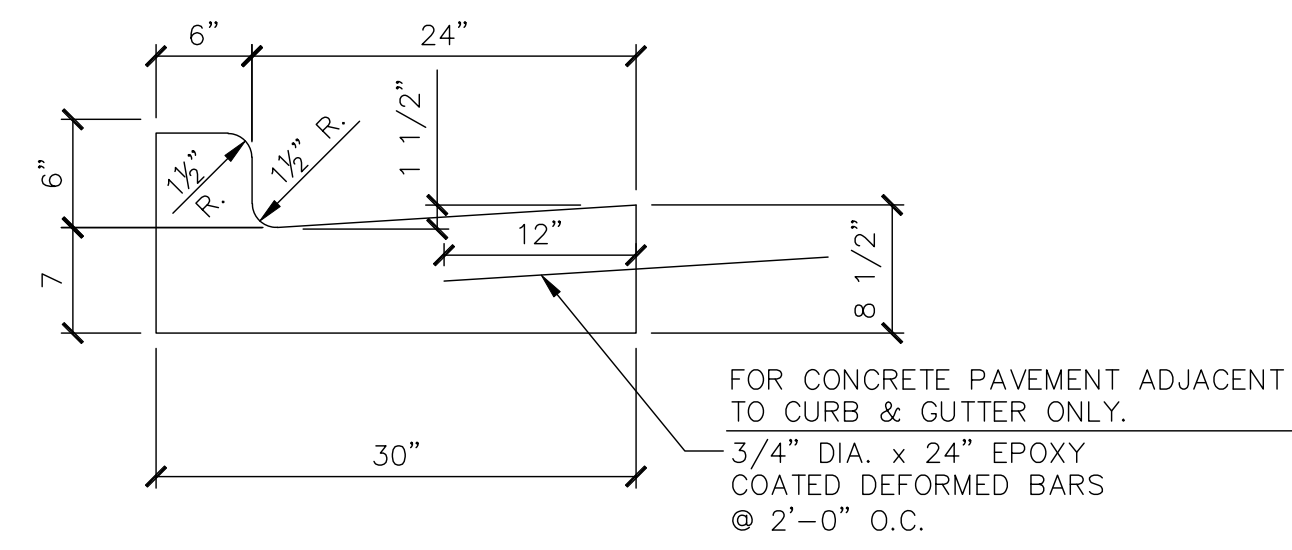


2 ISOLATION JOINT
N.T.S.

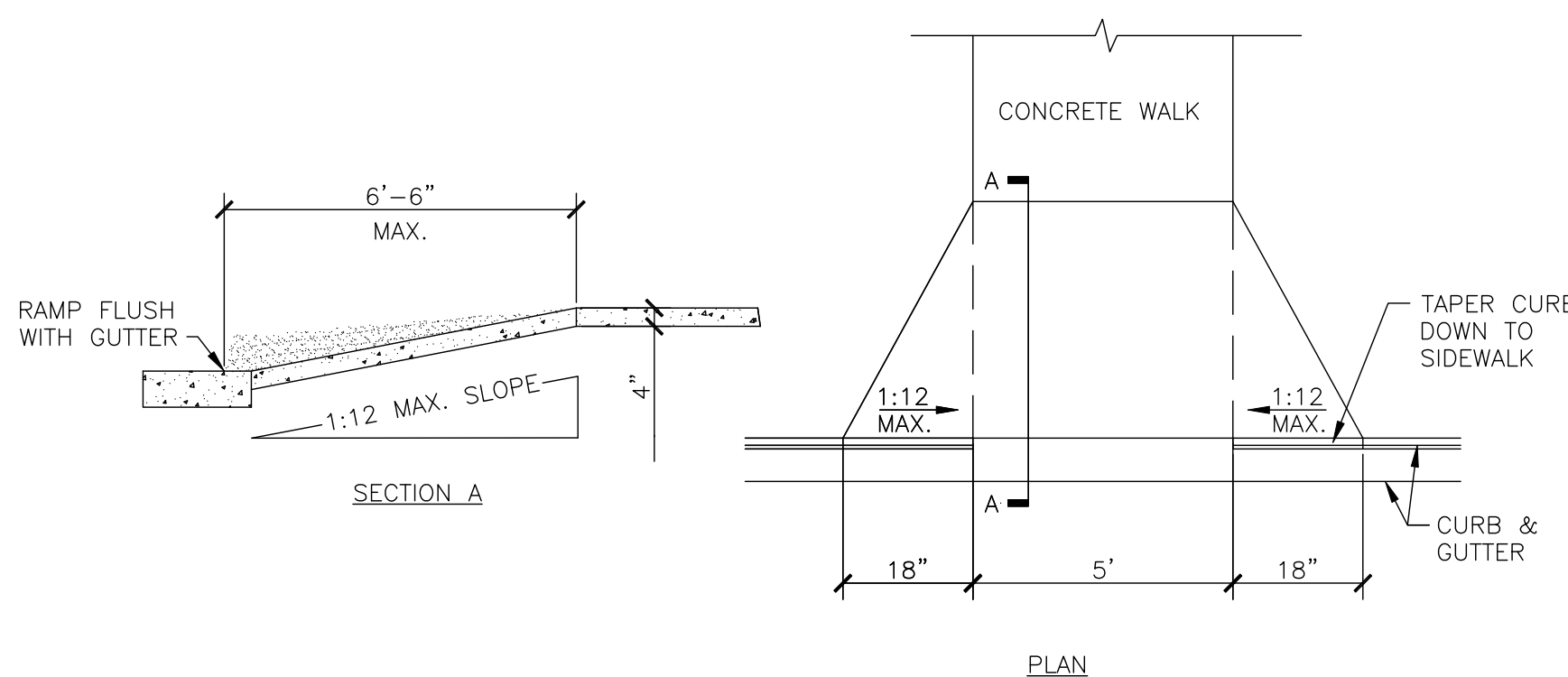
3 THIS SPACE NOT USED
N.T.S.



6 DETECTABLE WARNING FIELD - TRUNCATED DOMES
N.T.S.



7 VERTICAL FACE CONCRETE CURB & GUTTER
N.T.S.



8 CURB RAMP
N.T.S.

100% CONSTRUCTION DOCUMENTS

CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title SITE CONSTRUCTION DETAILS		Project Title William S. Middleton VA Hospital Renovate Building 2		Project Number 607-12-115		Office of Construction and Facilities Management	
				Approved: Project Director		Location Madison, WI		Building Number 2			
5126 W. Terrace Drive Suite 111 Madison, WI 53718-8343 608 / 242 1550 608 / 242 0787 fax www.graef-usa.com		13100 watertown plank road suite 200 elm grove, wi 53122 p 262.641.0746 f 262.641.0584				Date MARCH 29, 2013		Checked EP		Drawn KN	
Revisions:		EDWARD G. PREMO WI PE LICENSE #1079-004						Drawing Number C-901		Dwg. of	
Date											

VA FORM 08-6231